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REPORTS

DATE:



	CinkEnergy
	ANNUAL MONITORING REPORT
1	CLAY OSBORN JALMAT #22A
	LINK REF: 2000-10614
	SW ¹ / ₄ OF THE NW ¹ / ₄ OF SECTION 18, TOWNSHIP 25 SOUTH, RANGE 37 EAST
	LEA COUNTY, NEW MEXICO
	~1.52 Miles Northwest (297°) of
Ň	JAL, LEA COUNTY, NEW MEXICO
	ADDIE 21 2004
	DEFEADED DV.
	TREFARED BY:
	Remarker and a l' Dillion There
	2100 Avenue O
	P.O. Box 1558
	Eunice, NM 88231
	FAX: (505)394-2601
× 1	·/////////////////////////////////////

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	Lea County, New Mexico, from 07/03/01 through 10/07/03.
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Table 1	Relative Groundwater Elevations and Phase Separated Hydrocarbon Thicknesses
Table 2	Summary of Groundwater Analytical Results

APPENDIX

Appendix A Groundwater Laboratory Analytical Results and Chain-of-Custody Forms

I. Background

The "Clay Osborn Jalmat #22A" (2000-10614) release site is located approximately 1.5 miles northwest of Jal in Lea County, New Mexico, at an elevation of approximately 3,147 feet above mean sea level (reference Figures 1 and 2). The site is located in the southwest quarter of the northwest quarter of section 18, range 37 east, township 25 south. There are no residences located within a 1,000-foot radius of the leak site; however, there is one surface water body located approximately 570 feet southeast of the leak site. The release is historical with no information available regarding the volume released or recovered. The release covered approximately 23,400 square feet of pipeline right-of-way and pasture land owned by Clay and Gerry Osborn (reference Figure 3).

Initial investigative activities, completed between July 26 and September 3, 2000, consisted of advancing 26 soil borings to depths 15 feet below ground surface (BGS). During the advancement of the soil borings, samples were collected at five foot intervals. The samples were split with a portion being immediately placed in laboratory provided containers and placed on ice in a cooler for later transport to an independent laboratory. The remainder of the sample was placed in zip lock bag for field analysis of organic vapors utilizing an Ultra Rae photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp. The investigation delineated subsurface contamination present above the New Mexico Oil Conservation Division (NMOCD) remedial thresholds (*Site Investigation and Remediation Proposal* dated December 8, 2001). The vertical extent was defined and was limited to 15 feet BGS.

Results of the soil investigation did not warrant the installation of a groundwater monitoring well at the site; however, there was a monitoring well in place approximately 800 feet southeast of the release site which was installed as a result of a separate historical release.

This groundwater monitoring well was sampled on a quarterly basis to ensure the release was not having an adverse impact on groundwater in the area. Analytical results for the samples collected on July 3 and October 24, 2001, January 23, April 15, July 8 and October 5, 2002, were below the laboratory method detection limits (MDL) for hydrocarbon analytes. The samples were also analyzed for chlorides and total dissolved solids (TDS). Analytical results indicated chloride concentrations ranged from 200 to 239 milligrams per liter (mg/L), below the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 250 mg/L. Analytical results indicated TDS concentrations ranged from 1,130 to 1,360 milligrams per liter (mg/L), above the NMWQCC groundwater standard of 1,000 mg/L.

II. Field Activities

The groundwater monitoring well was sampled on February 17, September 2 and October 7, 2003. The samples were submitted to an independent laboratory for the quantification of benzene, toluene, ethylbenzene and total xylenes (BTEX). In addition, the groundwater sample collected on September 2, 2003 was submitted for quantification of total petroleum hydrocarbons as gasoline (TPH as gasoline), total petroleum hydrocarbons as diesel (TPH as diesel), chlorides and TDS.

III. Groundwater Elevation and PSH Thickness

The groundwater monitoring well was gauged prior to bailing to determine the depth to groundwater and the thickness of any PSH. Measurements of groundwater levels during this phase of the investigation indicate that water levels have increased slightly. PSH have not been detected in the groundwater monitoring well since it was first sampled on July 3, 2001, as part of this investigation. A summary of groundwater elevations is included in Table 1.

IV. PSH Recovery

PSH have not been detected in the groundwater monitoring well since it was first sampled on July 3, 2001, as part of this investigation.

V. Groundwater Sampling

The groundwater monitoring well was sampled on February 17, September 2 and October 7, 2003. The samples were submitted to an independent laboratory for the quantification of BTEX via EPA Method 8260b. In addition, the groundwater sample collected on September 2, 2003 was submitted for quantification of TPH as gasoline and TPH as diesel via EPA Method 8015 modified, chlorides via EPA Method 325.2 & 9251 and TDS via EPA Method 160.1. The well was purged a minimum of three well volumes or dry and samples collected utilizing dedicated or disposable sample bailers. Samples were then placed on ice and shipped to an independent laboratory under chain-of-custody for analyses.

VI. Groundwater Analytical Results

Analytical results for the samples collected on February 17, September 2 and October 7, 2003, were below the laboratory method detection limits (MDL) for BTEX and TPH.

A summary of groundwater analytical results is included as Table 2 and copies of the analytical results for samples collected on February 17, September 2 and October 7, 2003, are included as Appendix A.

VII. Recommendations

Based on field monitoring and analytical results collected during the past year and analyzed in conjunction with data collected during the initial investigation, the following recommendations are made:

1) Due to the fact that no hydrocarbon contaminants have been detected in the on-site groundwater monitoring well since the well was first sampled on July 3, 2001 for this release site, it is recommended that the groundwater monitoring well be sealed and the groundwater investigation at this site be terminated. Link Energy requests that the NMOCD issue a "*No Further Action*" letter regarding the groundwater conditions at the site based on the groundwater monitoring results.

2) It is recommended that a remedial action plan be developed to address the impacted soils identified during site delineation activities.

FIGURES

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TABLES

TABLE 1

RELATIVE GROUNDWATER ELEVATIONS AND PHASE SEPARATED HYDROCARBON THICKNESSES

Clay Osborn Jalmat #22A - Ref #2000-10614

Monitor Well	Date Gauged	Relative Top of Casing Elevation (feet)*	Depth to PSH Below Top of Casing (feet)	Depth to Water Below Top of Casing (feet)	Corrected Relative Groundwater Elevation (feet)**	Phase Separated Hydrocarbon Thickness (feet)
MW	3-Jul-01	3,147		64.21	3,082.79	
	23-Jan-02] [64.00	3,083.00	
	15-Apr-02] [
	8-Jul-02] [65.09	3,081.91	
	5-Oct-02] [64.58	3,082.42	
	17-Feb-03] [
	2-Sep-03			64.28	3,082.72	
	7-Oct-03			64.07	3,082.93	

* = Top of casing elevation set from USGS Topographical map

** Corrected Groundwater Elevation = Top of Casing Elevation - (Depth to Water Below Top of Casing - (SG)(PSH Thickness)

- - = Not detected

If cell is blank, the well was not gauged

TABLE 2

.

Summary of Groundwater Analytical Results

Clay Osborn Jalmat #22A - Ref #2000-10614

	Monitor Well Location	Date	Benzene	Toluene	Ethyl- benzene	m,p- Xylenes	o-Xylene	Total Xylenes	Chloride	Total Dissolved Solids	TPH as Gasoline	TPH as Diesel	Total TPH
MW 3-Jul-01 <1			(h@(r)	(Jug/J.)	(Jug.(J)	(hg/L)	(J/Brl)	(Jug/L)	('I)gm)	(mg/L)	(mg/L)	(ng/L)	(mg/L)
24-Oct-01 <1 <1 <1 <1 <1 <1 <0.5 23-Jan-02 <1	MM	3-Jul-01	l>	1>	₽	₽	<1	⊲	239	1,280	<0.25	<0.02	<0.27
23-Jan-02 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		24-Oct-01	١>	1>	<ا	⊽	₽	⊲2	200	1,150	<0.5	<0.5	<1.0
I5-Apr-02 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		23-Jan-02	l>	<1	I≻	₽	1>	<2	228	1,360			
1-Jul-02 216 1,327 8-Jul-02 <1		15-Apr-02	Þ	Þ	Þ	Þ	₽	2					
8-Jul-02 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <		1-Jul-02							216	1,327			
5-Oct-02 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		8-Jul-02	1>	<1	۲	₽	1>	4	215	1,130			
17-Feb-03 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		5-Oct-02	1>	<1>	l>	4	1>	<2					
2-Sep-03 <1 <1 <1 <1 <1 <0 <0.5 273 1,110 <0.5 7-Oct-03 <1		17-Feb-03	₽	I >	۲	₽	1	4					
7-Oct-03 <1 <1 <1 <1 <2 NMOCD Remedial Thresholds 10 750 750 620 250 1,000		2-Sep-03	l>	<1	₽	l≻	۲	⊲2	273	1,110	<0.5	<0.5	<1.0
NMOCD Remedial Thresholds 10 750 750 620 250 1,000		7-Oct-03	₽	Þ	Þ	₽	⊽	\$					
	NMOCD Reme	dial Thresholds	10	750	750			620	250	1,000			

Bolded values are in excess of the NMOCD Remediation Thresholds or Other Standards for Domestic Water Supply. If cell is blank, that parameter was not analyzed

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APPENDICES

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APPENDIX A

GROUNDWATER ANALYTICAL RESULTS

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CHAIN-OF-CUSTODY FORMS

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Client: Environmental Plus, Inc. Aftn: Pat McCasland						Report#/Lab II	0#: 139661 00 - 10614	Repo	rt Date: 0	2/24/03	
Address: 2100 Ave. O						Sample Name:	WECOPW2170	MME			
Eunice	NM 88231					Sample Matrix:	: water				
						Date Received:	02/20/2003	Time:	10:30		
Phone: (505) 394-3481 FAX: (505)	394-2601					Date Sampled:	02/17/2003	Time:	14:00		I
REPORT OF ANALYSIS							QUALITY	ASSUR/	ANCE DA	TA ¹	
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov.3	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	-		1		02/21/03	8260b	ł		1	1	ł
Benzene	5	hg/L	-	⊽	02/21/03	8260b	1	11.3	80.5	98.8	83.9
Ethylbenzene	v	µg/L	1	⊽	02/21/03	8260b	ł	0.7	118.6	1.911	127.1
m,p-Xylenes	ŗ.	μg/L	-	⊽	02/21/03	8260b	I	1.1	116.6	117	125.6
o-Xylene	v	μg/L	1	⊽	02/21/03	8260b		0.7	120.1	115.8	128.5
Toluene	<]	μg/L	1	⊽	02/21/03	8260b		11.8	103.1	105	105.8
This analytical report is respectfully submitted by Ana have been carefully reviewed and, to the best of my kav are consistent with AnalySys, Inc.'s Quality Assurance Copyright 2000, AnalySys, Inc., Austin, TX. All righ publication may be reproduced or transmitted in any fo express written consent of AnalySys, Inc. Re	lySys, Inc. The overledge, the anal owledge, the anal e/Quality Contro its reserved. No its	inclosed results ytical results Program. © part of this ans without the omitted,	1. Qual of the r recover express express itypicall typicall dilution associat than adv	ity assurance da elative percent (ed from a spike ed as the percert typically at or typically at or typically at or ty denote USEP, s. 7. Data Qu ed method blam ed method blam isory limit. M	ita is for the ss %) difference d sample	mple batch which incluc between duplicate messu I. Calibration Verificatio of analyte from a know of analyte from a know citcal Quantitation Limit Less than ("<") values re analyte potentially prese and/or MSD recovery ev- enence.	led this sample. rements. 3. Recc n (CCV) and Labb n standard or math (PQL) of the ana flect nominal qua nt between the PC cceed advisory lin cceed advisory lin sorveries exce	2. Precision wery (Reconstruction of the construction pratery Compared of the construction of the construc	a (PREC) is 1 w.) is the per- trol Sample orting Quan tod. 6. Met inits adjusted i MDL. B =A1 MDL. B =A1 vilimits. P =1	he absolut cent (%) of LCS) resu titation Lin hod numbe or any requ alyte detec spike (PDS	: value analyte tts are nits rs nited ited ited ited ited ited ited ited

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Client: Environmental Plus, Inc. Attn: Pat McCasland						Report#/Lab II Project ID: 200)#: 146883 0-10614	Repo	rt Date: (9/10/03	
Address: 2100 Ave. O						Sample Name:	WECOPW920	~			
Eunice	NM 88231					Sample Matrix:	water				
						Date Received:	09/04/2003	Time:	10:30		
Phone: (505) 394-3481 FAX: (505)	394-2601					Date Sampled:	09/02/2003	Time:	08:32		
REPORT OF ANALYSIS							QUALITY	ASSUR/	NCE D/	VTA ¹	
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Fotal dissolved solids	1110	mg/L		⊽	60/80/60	160.1	1	1.17	-NA-	-NA-	-NA-
[PH by GC (as diesel)	<0.5	mg/L	0.5	<0.5	60/60/60	8015 mod.	ł	4.1	98.7	122.9	98.7
[PH by GC (as diesel-ext)	1	1	1	ł	60/60/60	3510	:	1	ł	1	ł
[PH by GC (as gasoline)	<0.5	mg/L	0.5	<0.5	60/60/60	8015 mod.	ł	5.2	97.5	121.1	100.1
Chloride	273	mg/L	5	≎	60/80/60	325.2&9251	1	2.44	81.96	107.27	97.39
Volatile organics-8260b/BTEX			:		60/08/03	8260b			8 7 1	;	
Benzene	⊽	hg/L	1	₽	£0/80/60	8260b	1	3.8	89.6	100.3	91.2
Sthylbenzene	v	hg/L	-	⊽	00/08/03	8260b	1	3.4	113.4	115.5	118.4
n,p-Xylenes	v	hg/L		v	60/80/60	8260b		4.8	111.7	9.111	115.5
	v	hg/L	-	v	60/08/03	8260b	ł	5.8	113	113.8	117.1
Coluene	<1	hg/L	1	⊽	60/08/03	8260b	ſ	6.1	92.1	105.4	98.4
This analytical report is respectfully submitted by Analy have been carefully reviewed and, to the best of my kno are consistent with AnalySys, Inc., Austin, TX. All right Copyright 2000, AnalySys, Inc., Austin, TX. All right publication may be reproduced or transmitted in any for sepress written consent of AnalySys, Inc. Rei	ySys. Inc. The weledge, the anna AQuality Contron AQuality Contron Is reserved. No mor by any me mor by any me spectfully Sul Spectfully Sul Kichard Laste	inclosed results yytical results part of this part of this ans without th binitted, for the	s I. Qual of the r recover express (RQL), typicall dilutior associa recover than ad	lity assurance de elative percent (red from a spike eed as the percert ryptically at or y denote USEP, as. 7. Data Qu ted method blan ted method blan ted sadvis y exceeds advis visory limit. M	ata is for the set %) difference d sample. above the Pra- above the Pra- alifiers are J = ik(s). S1 =MS ory limit. S3 = =Matrix inter	umple batch which includ between duplicate measu 4. Calibration Verificatio. 7 of analyte from a know ctical Quantitation Limit Less than ("<") values re analyte potentially prese and/or MSD recovery ex =MS and/or MSD and PD ference.	ied this sample. rements. 3. Recorners. CCV) and Labo n (CCV) and Labo no standard or mature (PQL) of the anal flect nominal quant of between the PC cceed advisory lim cceed advisory lim S recoveries exce	2. Precision very (Record vartory Con vix. 5. Rep yucal methy yucal meth yucal and the 1 ints. S2 =P ints. S2 =P ed advisory	(PREC) is v.) is the per vrol Sample orting Quan od. 6. Mel dis adjusted dDL. B=A dDL. B=A fimits. P =	the absolution cent (%) of (LCS) rest. (LCS) rest. thod numb for any req natyte dete spike (PD) Precision h	e value f analyte ults are nits ers uired cted in cted in igher

Report Date: 09/10/03

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3512 Montopolis Drive, Austin, TX 78744 & 2209 N. Padre Island Dr., Corpus Christi, TX 78408 (512) 385-5886 • FAX (512) 385-7411

Client:	Environmental Plus, Inc.	Project ID: 2000-10614	Report#/Lab ID#: 146883
Attn:	Pat McCasland	Sample Name: WECOPW9203	Sample Matrix: water
REPORT	T OF SURROGATE RECOVERV		

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
-Chlorooctane	8015 mod.	77.3	50-150	1
o-Terphenyl	8015 mod.	86.9	50-150	•
1,2-Dichloroethane-d4	8260b	91.6	80-120	-
l'oluene-d8	8260b	108	88-110	ł

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:	
Report #/Lab 1D#:146883 Matri Client: Environmental Plus, Inc. Project 1D: 2000-10614 Sample Name: WECOPW9203	rix: water Attn: Pat McCasland
Sample Temperature/Condition < The typical sample temperature laboratory within such a short ti samples (see sample collection a temperature measurement witho Sample Bottles & Preservation	<=6°C <=6°C Possible exceptions include samples submitted criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted ime after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding out impacting sample integrity (ex. in a bottle with no cooler).
 Sample received in appropriat Sample received in appropriat Sample received in inappropri J flag Discussion 	ate container(s) and appear to be appropriately preserved. ate container(s). State of sample preservation unknown. riate container(s) and/or with unknown state of preservation.
A J flag data qualifier indicates (as requ levels/blanks and other potential source Because the reported result is below the presence and relative ratio of target ion:	pured under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for backgroun es of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. ne quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the ns (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)
Comments pertaining to Data Qu	ualifiers and QC data:
Parameter	Qualif Comment
Toluene	J See J-flag discussion above.
Votes:	
0#: 3 Renort #/ .ah)#:	

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City City	Phon	e No. of led Containers	30 4	7 7				2			ind/or attached do celfic analy tical pe blied for all GC pr	By	Date	J. J. e3 Inc. for analy
ental Plu Undip 885	<u>ر محر ک مجر م</u> d with lab mgi رکو / ک Sar	Date Tim Sampled Samp	9-2-03 8.	9-2-03 8:3				•	- 1 14		is Chain-of-custody a xtractables, unless spr und lists must be supp	Relfinquished	lon	es 75/ 2/1/2
id Rep & To: mpany Name Emerance and dress 2100 Ave O y Eurice State A	one <u>Sec. 34% 39/8/</u> Fax <u>-</u> sh Status (must be confirmed iject Name/PO#: <u>Reco</u>	Client Sample No. Description/Identification	12000419203	15.00 200 2.223			-				uless specifically requested otherwise on th (MDLPQL). For GCMS volatifies and c. HSL list at ASI's option. Specific compot	Sample 1	Name Amilat	Marine of above described same

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G nory S ^w .						351 220 (51	2 Montopolis 9 N. Padre Isl 2) 385-5886	Drive, Au and Dr., 6 FAX	ustin, TX Corpus Cl ((512) 3	78744	2 78408
Client: Environmental Plus, Inc. Attn: Pat McCasland						Report#/Lab II Project ID: 200	0-10614	Repor	rt Date:	10/15/03	
Address: 2100 Ave. O						Sample Name:	WLECOPW10	703			
Eunice	NM 88231					Sample Matrix:	water				
						Date Received:	10/09/2003	Time:	10:30		
Phone: (505) 394-3481 FAX: (505)) 394-2601					Date Sampled:	10/07/2003	Time:	00:60		
REPORT OF ANALYSIS							QUALITY	ASSURA	NCE D/	<u>VTA</u> 1	
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV⁴	LCS ⁴
Volatile organics-8260b/BTEX	1		1		10/10/03	8260b(5030/5035)	;	;	1	1	
Benzene	۲ ۲	hg/L	-	⊽	10/10/03	8260b		3.5	87.8	90.3	86.9
Ethylbenzene	⊽	µg/L	1	$\overline{\mathbf{v}}$	10/10/03	8260b	;	0.2	108	111	110.9
m,p-Xylenes	~	μg/L	Π	⊽	10/10/03	8260b		0.1	109.7	114.3	111.8
o-Xylene	V	µg/L		⊽	10/10/03	8260b	ł	0	116	119.5	117.8
Toluene	<1	hg/L	1	<	10/10/03	8260b	ł	4.2	93.6	98.7	92.2
This analytical report is respectfully submitted by Ana have been carefully reviewed and, to the best of my kn are consistent with AnalySys, Inc.'s Quality Assurano Copyright 2000, AnalySys, Inc., Austin, TX. All rigl publication may be reproduced or transmitted in any fc express written consent of AnalySys, Inc. R(alySys, Inc. The e owledge, the anal owledge, the anal or over a second. No or or by any me espectfully Sut cheed f	anclosed results hytical results part of this ans without the birnited,	1. Qual of the r recover express (RQL), typicall dilutior associa recover than ad	ity assurance d elative percent ced from a spike ed as the perce , typically at or y denote USEP us. 7. Data Qu ted method bla visory limit. M	ata is for the s d sample. d sample. in (%) recover above the Pra above the Pra alifiers are J = mk(s). S1 = M(s sory limit. S3 I = Matrix inter	ample batch which includ between duplicate measu 4. Calibration Verificatio y of analyte from a known teiteal Quantitation Limit Less than ("<") values re analyte potentially prese 5 and/or MSD recovery es =MS and/or MSD and PL rference.	ed this sample. ements. 3. Recor- n (CCV) and Lab. 1 standard or mau 1 standard or mau 1 P(PQL) of the ana flect nominal qua at between the PC ceed advisory lin ceed advisory lin S recoveries exce	2. Precision overy (Recovory Con oratory C	(PREC) is v.) is the per trol Sample orting Quan od. 6. Met dis adjusted ADL. B=A ADL. B=A limits. P =	the absolution ccent (%) of (LCS) result the for any req for any req nalyte detection Precision hi	e value analyte Its arc nits rts rts rts rts rts gher gher

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Report Date: 10/15/03

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3512 Montopolis Drive, Austin, TX 78744 & 2209 N. Padre Island Dr., Corpus Christi, TX 78408 (512) 385-5886 • FAX (512) 385-7411

Client:	Environmental Plus, Inc.	Project 1D: 2000-10614	Report#/Lab 1D#: 147954
Attn:	Pat McCasland	Sample Name: WLECOPW10703	Sample Matrix: water
REPORT	T OF SUBPOCATE RECOVERV		

KEPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	80-120	•
Toluene-d8	8260b	93	88-110	i

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report Date: 10/15/03