Sample Date : 06/28/18

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1806010510

Customer Name : CLINTON, EAST IW

Report Date: 08/02/22

Customer/Permit No. : 619 / AR0048836 001

Sample Time : 1022

Sample Type : GRAB WWATER

Sample From : EAST IRRIGATION WTR

Collected By: JGK Delivery By : JGK

Work Order :

Purchase Order :

		Laboratory Ana	alysis			Quality A	Assurance
Analysis					Table	Precision	Accuracy
<u>Date Time By</u>	Parameter	Result		Quantity	Method	<u>% RPD</u>	<pre>% Recovery</pre>
06/28 1700 PJC	BOD, 5-day	17.0	mg/L		SM 2011 5210 B	0.00	95.1 *
07/03 1400 PJC	Ammonia as N, (HACH/SM)	5.89	mg/L		SM 2011 4500-NH3-G	2.26	101.1 *
07/02 1230 CLB	Kjeldahl Nitrogen Total	12.60	mg/L		SM 2011 4500-NorgB	3.35	90.5
07/05 1718 RAH	Potassium	5.5523	mg/L		EPA 200.8	4.08	107.0 *
07/05 1718 RAH	Copper	< 0.0030	mg/L		EPA 200.8	7.11	107.5 *
07/05 1718 RAH	Zinc	0.0100	mg/L		EPA 200.8	3.10	101.5 *
07/05 1718 RAH	Arsenic	< 0.0100	mg/L		EPA 200.8	4.54	102.6 *
07/05 1718 RAH	Selenium	< 0.0100	mg/L		EPA 200.8	1.04	103.5 *
06/28 1025 JGK	Spec. Conductance @ 25 C	214.000	umho/c		EPA 120.1	0.00	N/A *
07/05 1718 RAH	Cadmium	< 0.00400	mg/L		EPA 200.8	1.80	106.5 *
07/06 1550 RAH	Mercury	< 0.0010	mg/L		EPA 245.7	2.69	98.9 *
07/05 1718 RAH	Lead	< 0.01000	mg/L		EPA 200.8	0.30	103.8 *
07/03 1545 NTR	Nitrate + Nitrite	0.54	mg/L		HACH 10206	0.94	99.2 *
07/06 0800 RAH	Sodium Absorption Ratio	23.7447	Ratio		AGRN 724		
	-						

* QA data shown is from a different sample or standard on the same date.

Environmental Services Company, Inc. Corporate Office

13715 West Markham

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Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information				Project Information								Red	lues	ted	Par	ame	eters	
Client:	B34444444	Clinton, East IW		···	Permit/Pro	ject #:		AR00488	336										
Address:		P.O. Box 277			Purchase (Order #:													
		Clinton, AR 72031			Work Orde	er#							5.						
Phone:		501-745-4320			Sampler N	ame(s):	7. K	5000	المانك				NH3-N(15.A), NO3 + NO2(91.)						
· Fax:		501-745-2164			•	• •							Z +		ents				
Contact:		Mr. Phil Graham	***************************************		and Signat	ure(s):	2	Cree	·1				NO3		omn				
ESC Client Nu	ımber:	619				= (=).			-Eu			ĺ	Ą.		Se C				
§	mple Iden			Sample	Collection			Sample (Containers			3.)	V(15	TKN(16.A)	Metals (See Comments)				
Identifica		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	1		#	BOD(3.)	H3-1	ΚΝ	letal				
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irigat	ion vvaler	1806010510		1622	Grab	Wwater	Plastic	<u> </u>	Cool ≤ 6° C	,	1	X	+_	 	 			\vdash	
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			4	ч	Grab	Wwater	Plastic	1 Liter	HNO3 to pl	1 <2	1		├—	-	Х				
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Relinquished By: (Sign	ature and Printed	Name)	Date	Time	Received By: (Sig	gnature and Printed	d Name)		Date	Tim	ne.	Turna	around						
Belinguished By: (Sign	sature and Printed	Name)	Date	Time	Received the Late	Ru: (Signature and	I Printed Name	<u> </u>	Date	Tim		Regu	ular e samp	oles n	roperly	Spec			
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				(,	Flow D	ata	Field Test	Time	Analy	st	Resi		Res		•	Units	;	
		(50.15), Cu(29.HW), 2	Zn(30.HW), /	<u>4s(33.HW),</u>	Se(34.HW)	Analyst:		pH:	1025	0			45	7.	84	S.U			
	Ca(48.HVV)	, Pb(82.HW)				Time: Reading:		Conduct:	1025	JV.	_	21	4	210	4	U MI	105		
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1808010370 Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 09/04/18

Sample Date : 08/22/18 Sample Time : 0950

Sample Type : GRAB WWATER Sample From : IRRIGATION WATER Collected By: JJM Delivery By : JJM

Work Order : Purchase Order:

	Quality I	Assurance					
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
08/24 0800 DAH	BOD, 5-day	39.30	mg/L		SM 2011 5210 B	0.65	103.9 *
08/24 0715 NTR	Ammonia as N, (HACH/SM)	1.78	mg/L		H/SM 11 10205/4500	1.75	100.0 *
08/31 1320 NTR	Total Kjeldahl Nitrogen	6.0	mg/L		02/2014 HACH 10242	2.30	100.3 *
08/22 0954 JJM	рН	7.5	S.U.		SM 2000 4500-H+B	0.00	N/A *
08/28 1600 PJC	Copper	0.00500	mg/L		EPA 200.8	2.80	94.2 *
08/28 1600 PJC	Zinc	0.3910	mg/L		EPA 200.8	6.26	97.1 *
08/28 1600 PJC	Arsenic	< 0.0100	mg/L		EPA 200.8	0.30	96.8 *
08/28 1600 PJC	Selenium	< 0.0100	mg/L		EPA 200.8	2.23	94.1 *
08/22 0954 JJM	Spec. Conductance @ 25 C	415.000	umho/c		SM1997 2510B	0.00	N/A
08/28 1600 PJC	Cadmium	< 0.0040	mg/L		EPA 200.8	0.24	93.6 *
08/28 1600 PJC	Mercury	< 0.0010	mg/L		EPA 245.1	10.26	103.4 *
08/28 1600 PJC	Lead	0.0102	mg/L		EPA 200.8	2.81	90.3 *
08/29 0930 CLB	Nitrate + Nitrite	1.03	mg/L		HACH 10206	19.00	90.4 *

 \star QA data shown is from a different sample or standard on the same date.

Environmental Services Company, Inc. Corporate Office

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Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information					Pr	oiect Ir	formatio	n					***************************************			-			
Client:		Clinton, East IW			Permit/Pro		ojoot ii			OT SERVICE SERVICES	***************************************	╃—	Ke	<u>que</u>	sted	Par	ame	eters	S
Address:		P.O. Box 277			Purchase		***************************************	AR0048	8836			-							
		Clinton, AR 72031			Work Ord							4							
Phone:		501-745-4320			7		- 100	A A	H .c			1	(91.						
Fax:		501-745-2164			Sampler N	vame(s):	<u> </u>	<u> </u>	Mell			1	+ NO2(91.)		ts)				
Contact:		Mr. Phil Graham	· · · · · · · · · · · · · · · · · · ·		1		1	- Anh	_//	····		1	3 +		men				
ESC Client Nu		619			and Signa	ture(s):	402	N 1/4	ller				NH3-N(15.A), NO3		Comments)				
	nple Iden			O		/	<u>/</u>]	5.A)	6	(See				
Identifica		ESC Control #			Collection			Sample	Container	s		(3)	N-I	TKN(16.C)	sls (S				
			Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	BOD(3.)	E E E	Y K N	Metals				
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					Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1		Х	Х					
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1811010350 Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 12/04/18

Sample Date : 11/19/18 Sample Time : 1335

Sample Type : GRAB WWATER

Sample From : IRRIGATION WATER

Collected By: TMO Delivery By : TMO

Work Order : Purchase Order :

		Laboratory Anal	ysis		Ī	Quality I	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
11/21 0630 DWC	BOD, 5-day	11.80 m	ıg/L		SM 2011 5210 B	12.73	106.6 *
11/21 1300 TCF	Ammonia as N, (HACH/SM)	5.79 m	ıg/L		H/SM 11 10205/4500	2.19	98.9 *
11/27 0900 TCF	Total Kjeldahl Nitrogen	8.0 m	ıg/L		02/2014 HACH 10242	2.13	101.0
11/19 1339 TMO	рН	8.1 S	.U.		SM 2000 4500-H+B	0.00	N/A *
11/30 1200 PJC	Copper	0.00330 m	ıg/L		EPA 200.8	2.42	101.1
11/30 1200 PJC	Zinc	0.0261 m	ıg/L		EPA 200.8	2.90	99.3
11/30 1200 PJC	Arsenic	< 0.0100 m	ıg/L		EPA 200.8	9.60	96.2
11/30 1200 PJC	Selenium	< 0.0100 m	g/L		EPA 200.8	1.74	95.5
11/19 1339 TMO	Spec. Conductance @ 25 C	187.000 u	mho/c		SM1997 2510B	0.00	N/A
11/30 1200 PJC	Cadmium	< 0.0040 m	ıg/L		EPA 200.8	0.05	98.1
11/21 1500 PJC	Mercury	< 0.0010 m	g/L		EPA 245.1	2.48	88.0
11/30 1200 PJC	Lead	< 0.0100 m	g/L		EPA 200.8	7.75	97.9
11/21 1545 TCF	Nitrate + Nitrite	0.46 m	g/L		HACH 10206	1.49	101.0 *

^{*} QA data shown is from a different sample or standard on the same date.

Environmental Services Company, Inc. Corporate Office

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Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information				Project Information							Requested			Par	ame	eter	S	
Client:		Clinton, East IW			Permit/Pro	ject #:		AR0048	836										
Address:	***************************************	P.O. Box 277			Purchase	Order #:													
		Clinton, AR 72031			Work Orde	er#			,				£						
Phone:		501-745-4320			Sampler N	ame(s):	Timo	thy O	Neul			1	02(8						
Fax:		501-745-2164						/	/	***************************************		1	Ž +		ents				
Contact:		Mr. Phil Graham			and Signat	ure(s):	1/100	no et C	5'/le10				NOS		uùo				
ESC Client Nu	mber:	619				, ,			100	·····			₹		S.				
San	nple Ident	tification		Sample	Collection			Sample (Containers	S	***************************************	<u>(3)</u>	N(15	16.C	s (Se				
ldentifica	ition	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	BOD(3.)	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (See Comments)				
Irrigati	on Water	1811010 350	11-19-18	1335	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C		1	X	<u> </u>		-				
			17 /		Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1	Ĥ	х	х					
					Grab	Wwater	Plastic	1 Liter	HNO3 to pl	H <2	1	 		Ĥ	х				
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1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1801010088

Customer Name : CLINTON, EAST 001

Customer/Permit No. : 495 / AR0048836 001

Report Date : 01/12/18

Composite Date: 01/03/18 -01/04/18
Sample Time: 0900-0900/1210(1-4)

Sample Time : 0900-0900/1210(1-4) Sample Type : 24 HR COMP/GRAB WW

Sample From : FINAL EFFLUENT

Collected By: PG/TCF

Delivery By : TCF

Work Order : Purchase Order :

		Laboratory Analysis			Quality A	<u>Assurance</u>
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
$\overline{01/04}$ $\overline{1207}$ \overline{TCF}	Dissolved Oxygen	12.10 mg/L	57.48 #/day	HACH 10360 R1.2	0.96	N/A *
01/05 1630 PJC	Ammonia as N, (HACH/SM)	2.25 mg/L (b)	10.69 #/day	SM 2011 4500-NH3-G	2.06	102.6 *
01/04 1207 TCF	На	7.5 S.U.		SM 2011 4500-H+B	0.00	N/A *
01/11 0900 PJC	Solids, Total Suspended	3.00 mg/L	14.25 #/day	SM 2011 2540 D	0.00	N/A *
01/04 1910 TCF	E. Coliforms	< 1.0 / 100ml		06/2012 Colilert18		
01/04 1910 TCF	Fecal Coliform	< 1.0 /100ml		06/2012 Colilert18		
01/05 0700 JJM	BOD, Carbonaceous	< 2.0 mg/L	9.50 #/day	SM 2011 5210 B	0.00	95.6 *

Flow 0.570000 MGD

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

 $[\]star$ QA data shown is from a different sample or standard on the same date.

⁽b) Exceeds Permit Limits for Average Concentration

Environmental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

Phone: 501-221-2565 Fax: 501-221-1341 CHAIN OF CUSTODY Client Information Project Information

				Project ii			oject information				Red	ues	tea	Para	ame	ters	,	
Client:	Clinton, East 001			Permit/Pro	ject #:		AR00488	836										
Address:	P.O. Box 277			Purchase (Order #:								3.E)					
	Clinton, AR 72031			Work Orde	er#								Coli(43.IE)					
Phone:	501-745-4320			Sampler N	ame(s):	Phil	braka						ы					
Fax:	501-745-2164			1	. , , .		3 0 00			η,	3.							
Contact:	Mr. Phil Graham			and Signat	ure(s):	Pel-1	Dak	ha		_	TSS(28.)		(43.IF),					
ESC Client Number:	495 (3X per week)			1			200494	,				(¥	iform					
Sample Iden	tification		Sample	Collection			Sample (Containers	3		0/70	N(15	Co					
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	CBOD(70.),	NH3-N(15.A)	Fecal Coliform					
Final Effluent	180/0/0088	1-3-18	0900	24Hr. Comp	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C	_	1	Х	_			_	\dashv	\dashv	\dashv
	(1-3-18	0900 0900	24Hr. Comp	Wwater	Plastic	8 oz	Cool < 6° C, H2SO4 to pH <2		1		х		\neg	\dashv	\dashv	\dashv	\dashv
4	4	1-4-18	1210	Grab	Wwater	Whirlpak		Cool ≤ 6 °C		2			х	7	7	+	+	\dashv
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Relinquished By: (Signature and Printed											Regul		7		Speci			
Reindustred by: (Signature and Printed.		Date -9-18	1900	Received for Lab, B	Signature and			Date 1-5-18	Time OBO			sampl Yes	les pro	perly p		ved:	_	
					Flow Da	ata	Field Test		Analys		Resu		Resu	lt		Jnits		\dashv
Comments:	+ mad frame	2101			Analyst: 70		Grab pH: Grab DO:	1207	TCI	_	7				S.U.			\Box
	Flow-direct read from meter			and the same of		1600000	GIAD DO:	1207	TOP		/3.	-!		r	mg/L			\dashv
sample received in	secured cools	er for lo	<u>b</u>		The second secon		E Coli Start	1910	TCF									
			Ľ				Fecal Start:	1910	TCF		This	Doc	umer	nt is F	age	1_6	of \bot	

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1801010351

Customer Name : CLINTON, EAST 001

Customer/Permit No. : 495 / AR0048836 001

Report Date : 01/18/18

Composite Date: 01/05/18 -01/06/18 Sample Time : 1300-1300/1300(1-6)

Sample Type : COMP/GRAB WWATER Sample From : FINAL EFFLUENT

Collected By: PG/PJC

Delivery By : PJC

Work Order : Purchase Order :

	Quality Assurance						
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes	Quantity	Method	- % RPD	% Recovery
	Ammonia as N, (HACH/SM)	2.50 mg/L	(b)	11.25 #/day	SM 2011 4500-NH3-G	1.01	112.0 *
01/12 1430 CLB	Phosphorus, Total (as P)	0.215 mg/L		0.97 #/day	EPA 365.1	6.45	91.2 *
	Solids, Total Suspended	< 1.00 mg/L		4.50 #/day	SM 2011 2540 D	1.60	N/A *
	BOD, Carbonaceous	2.0 mg/L		9.00 #/day	SM 2011 5210 B	0.00	95.0
	Nitrate + Nitrite	3.62 mg/L		16.29 #/day	HACH 10206	5.46	90.6 *

Flow 0.540000 MGD

* QA data shown is from a different sample or standard on the same date.

(b) Exceeds Permit Limits for Average Concentration

Environmental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY Phone: 501-221-2565 Fax: 501-221-1341 Client Information **Project Information** Requested Parameters Client: Clinton, East 001 Permit/Project #: AR0048836 Coli(43.IE) Purchase Order #: Address: P.O. Box 277 Clinton, AR 72031 Work Order # Phone: 501-745-4320 Sampler Name(s): ші Fecal Coliform (43.IF), Fax: 501-745-2164 CBOD(70.), TSS(28.) Contact: Mr. Phil Graham and Signature(s): ESC Client Number: 495 (3X per week) NH3-N(15.A) Sample Identification Sample Collection Sample Containers Identification ESC Control# Date Time Type Preservative Matrix Type Volume # 1801010351 1-5-18 Final Effluent 18re 24Hr. Comp Wwater **Plastic** 1/2 Gal Cool ≤ 6° C X Cool ≤ 6° C, -16-18 1300 24Hr. Comp Wwater Plastic X H2SO4 to pH <2 8 oz 1300 -6-18 Grab 2 X Wwater Whirlpak 4 oz Cool ≤ 6 °C Recejyed By: (Signature and Printed Name) Custody Seals: 1300 Used? Intact? Turnaround: Regular Special Relinquished By: (Signature and Printed Name) Received for Lab-By: (Signature and Printed Name) Were samples properly preserved: 1-6-17 1500 Mistoria Krain Christina Brown 0080 Yes Flow Data Field Test Time Analyst Result Result Units Comments: Analyst: 12TC Grab pH: 1305 DTC 7.9 S.U. Time: 13'00 Grab DO: 1205 MC 10.9 mg/L meter, HUW trum Reading: . 630000 Units: MGD Sample received for lab via secure E Coli Start 1512 PITC walkin cooler 512 POC This Document is Page 1 Fecal Start:



Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1802010337

Tabaratara Analizaia

Sample Date : 02/19/18

Collected By: TCF

Customer Name : CLINTON, EAST 40.24 LA PB 3 Customer Number: 3004

Sample Time : 1215

Delivery By : TCF

Sample Type : GRAB SOIL

Work Order :

Report Date : 02/28/18

Sample From : EAST LA 40.24 PB3

Purchase Order :

	:	<u>Laboratory Analys</u>	<u>sis</u>			Quality I	Assurance
Analysis					į	Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
02/23 1630 CLB	Ammonia Nitrogen	0.3070 mg/	′kg		SM 1997 4500-NH3 C	1.17	98.2 *
02/22 1520 RAH	Mercury	< 0.1277 mg/	'Kg		SW-846 7474 02/07	4.78	89.5 *
02/27 1030 CLB	Nitrate Nitrogen	4.680 mg/	'kg		SM 2000 4500-NO3 E	4.35	98.2 *
02/26 1600 CLB	Phosphorous, Total (as P)	482.3500 mg/	'kg		EPA 365.3	2.19	94.6 *
02/27 1231 RAH	Magnesium	1741.00 mg/	'Kg		SW-846 6020A	2.37	111.6 *
02/27 1231 RAH	Potassium	2300.00 mg/	'Kg		SW-846 6020A	2.32	98.7 *
02/23 0900 CLB	pH Soil	6.80 S.T	J.		SW846 9045C	0.00	N/A *
02/27 1231 RAH	Nickel	33.00 mg/	'Kg		SW-846 6020A	0.21	98.3 *
02/27 1231 RAH	Copper	12.00 mg/	'Kg		SW-846 6020A	0.35	98.2 *
02/27 1231 RAH	Zinc	109.50 mg/	'Kg		SW-846 6020A	1.09	107.5 *
02/28 1530 CLB	Nitogen, Plant Available	4.98 mg/	'kg		33 MSA 2nd Ed	0.00	100.0 *
02/27 1231 RAH	Arsenic	14.50 mg/	Kg	•	SW-846 6020A	1.50	100.6 *
02/23 0900 CLB	Specific Conductance	30.5000 umh	os		EPA (MOD) 9050A	0.00	N/A *
02/27 1231 RAH	Cadmium	< 2.50 mg/	'Kg		SW-846 6020A	0.22	100.8 *
02/27 1231 RAH	Lead	22.50 mg/			SW-846 6020A	2.41	95.1 *

* QA data shown is from a different sample or standard on the same date.

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 1802010338

Justomer Name : CLINTON, EAST 40.24 LA PB 30

Justomer Number : 3003

Report Date : 03/02/18

Sample Date : 02/19/18

Sample Time : 1230

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB30

Collected By: TCF Delivery By : TCF

Work Order :

Purchase Order :

		Laboratory Analysis			į	Ouality 1	Assurance
Analysis						Precision	Accuracy
<u> Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
)2/23 1630 CLB	Ammonia Nitrogen	1.3900 mg/kg			SM 1997 4500-NH3 C	1.17	98.2 *
)2/22 1520 RAH	Mercury	< 0.1195 mg/Kg			SW-846 7474 02/07	4.78	89.5 *
)2/27 1030 CLB	Nitrate Nitrogen	10.350 mg/kg			SM 2000 4500-NO3 E	4.35	98.2 *
)2/26 1600 CLB	Phosphorous, Total (as P)	485.1300 mg/kg			EPA 365.3	2.19	94.6 *
)2/27 1231 RAH	Magnesium	991.50 mg/Kg			SW-846 6020A	2.37	111.6 *
)2/27 1231 RAH	Potassium	1413.50 mg/Kg			SW-846 6020A	2.32	98.7 *
)2/23 0900 CLB	pH Soil	6.90 S.U.			SW846 9045C	0.00	N/A *
)2/27 1231 RAH	Nickel	28.00 mg/Kg			SW-846 6020A	0.21	98.3 *
)2/27 1231 RAH	Copper	10.50 mg/Kg			SW-846 6020A	0.35	98.2 *
)2/27 1231 RAH	Zinc	75.50 mg/Kg			SW-846 6020A	1.09	107.5 *
)2/28 1530 CLB	Nitogen, Plant Available	11.74 mg/kg			33 MSA 2nd Ed	0.00	100.0 *
)2/27 1231 RAH	Arsenic	16.50 mg/Kg			SW-846 6020A	1.50	100.6 *
)2/23 0900 CLB	Specific Conductance	19.5900 umhos			EPA (MOD) 9050A	0.00	N/A *
)2/27 1231 RAH	Cadmium	< 2.50 mg/Kg			SW-846 6020A	0.22	100.8 *
)2/27 1231 RAH	Lead	17.00 mg/Kg			SW-846 6020A	2.41	95.1 *
					2.0 002011	2.71	JO.1 *

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479) 750-1170 Fax (479) 750-1172

Control Number: 1802010088

Customer Name : CLINTON, EAST 55.57 LA PB 10

Customer/Permit No. : 511 / AR0048836 001

Report Date : 02/28/18

. 02/28/18

Sample Date : 02/19/18

Sample Time : 1145

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB10

Collected By: TCF Delivery By : TCF

Work Order : Purchase Order :

		Laboratory Analysis	<u>.</u>		i	Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
02/23 1630 CLB	Ammonia Nitrogen	0.5260 mg/kg	ſ		SM 1997 4500-NH3 C	$\frac{-3.02}{1.17}$	98.2
02/22 1520 RAH	Mercury	< 0.1176 mg/Kg	ſ		SW-846 7474 02/07	4.78	
02/27 1030 CLB	Nitrate Nitrogen	4.030 mg/kg	ſ		SM 2000 4500-NO3 E	4.35	89.5
02/26 1600 CLB	Phosphorous, Total (as P)	460.4100 mg/kg			EPA 365.3		98.2 *
02/27 1231 RAH	Magnesium	845.00 mg/Ko			SW-846 6020A	2.19	94.6
02/27 1231 RAH	Potassium	1061.50 mg/Kc				2.37	111.6
02/23 0900 CLB	pH Soil	7.11 S.U.			SW-846 6020A	2.32	98.7
02/27 1231 RAH	Nickel				SW846 9045C	0.00	N/A *
02/27 1231 RAH		⇒ 17.50 mg/Kg			SW-846 6020A	0.21	98.3
02/27 1231 RAH 02/27 1231 RAH	Copper	6.50 mg/Kg			SW-846 6020A	0.35	98.2
* .	Zinc	61.50 mg/Kg			SW-846 6020A	1.09	107.5
02/28 1530 CLB	Nitogen, Plant Available	4.55 mg/kg			33 MSA 2nd Ed	0.00	100.0
02/27 1231 RAH	Arsenic	9.00 mg/Kg	•		SW-846 6020A	1.50	100.6
02/23 0900 CLB	Specific Conductance	42.8000 umhos			EPA (MOD) 9050A	0.00	N/A *
02/27 1231 RAH	Cadmium	< 2.50 mg/Kg	•		SW-846 6020A	0.22	100.8
02/27 1231 RAH	Lead	12.00 mg/Kg			SW-846 6020A	2.41	95.1
		5. 3				2.41	93.I

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1802010339

Customer Name : CLINTON, EAST 55.57 LA PB 3

Customer Number: 3002

Report Date : 02/28/18

Sample Date : 02/19/18

Sample Time : 1155

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB3

Collected By: TCF Delivery By : TCF

Work Order : Purchase Order :

	Laboratory Analysis								
Analysis					İ	Precision	<u>Assurance</u> Accuracy		
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery		
02/23 1630 CLB	Ammonia Nitrogen	0.3560 mg/k	g		SM 1997 4500-NH3 C	1.17	98.2 *		
02/22 1520 RAH	Mercury	< 0.1188 mg/K	_		SW-846 7474 02/07	4.78	89.5 *		
02/27 1030 CLB	Nitrate Nitrogen	3.100 mg/k	g		SM 2000 4500-NO3 E	4.35	98.2 *		
02/26 1600 CLB	Phosphorous, Total (as P)	391.4800 mg/k	a		EPA 365.3	2.19	94.6 *		
02/27 1231 RAH	Magnesium	782.50 mg/K	_		SW-846 6020A	2.37	111.6 *		
02/27 1231 RAH	Potassium	850.00 mg/K	g		SW-846 6020A	2.32	98.7 *		
02/23 0900 CLB	pH Soil	6.80 S.U.			SW846 9045C	0.00	N/A *		
02/27 1231 RAH	Nickel	17.50 mg/K	a		SW-846 6020A	0.21	98.3 *		
02/27 1231 RAH	Copper	7.00 mg/K			SW-846 6020A	0.35	98.2 *		
02/27 1231 RAH	Zinc	50.50 mg/K	g		SW-846 6020A	1.09	107.5 *		
02/28 1530 CLB	Nitogen, Plant Available	3.45 mg/k	g		33 MSA 2nd Ed	0.00	100.0 *		
02/27 1231 RAH	Arsenic	8.00 mg/K	g		SW-846 6020A	1.50	100.6 *		
02/23 0900 CLB	Specific Conductance	27.0000 umho	S		EPA (MOD) 9050A	0.00	N/A *		
02/27 1231 RAH	Cadmium	< 2.50 mg/K	_		SW-846 6020A	0.22	100.8 *		
02/27 1231 RAH	Lead	10.50 mg/K	g		SW-846 6020A	2.41	95.1 *		
		*							

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1802010340

Customer Name : CLINTON, EAST 55.57 LA PB 30

Customer Number: 3001

Report Date : 02/28/18

Sample Date : 02/19/18

Sample Time : 1205

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB30

Collected By: TCF Delivery By : TCF

Work Order : Purchase Order :

	<u>Laboratory Analysis</u>							
Analysis					j	Precision	Assurance Accuracy	
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery	
02/23 1630 CLB	Ammonia Nitrogen	0.2950 mg/k	:g		SM 1997 4500-NH3 C	1.17	98.2 *	
02/22 1520 RAH	Mercury	< 0.1196 mg/K	.g		SW-846 7474 02/07	4.78	89.5 *	
02/27 1030 CLB	Nitrate Nitrogen	4.150 mg/k	g		SM 2000 4500-NO3 E	4.35	98.2 *	
02/26 1600 CLB	Phosphorous, Total (as P)	412.9200 mg/k	g		EPA 365.3	2.19	94.6 *	
02/27 1231 RAH	Magnesium	881.50 mg/K	īg		SW-846 6020A	2.37	111.6 *	
02/27 1231 RAH	Potassium	1176.50 mg/K	ig		SW-846 6020A	2.32	98.7 *	
02/23 0900 CLB	pH Soil	6.83 S.U.			SW846 9045C	0.00	N/A	
02/27 1231 RAH	Nickel	19.50 mg/K	g		SW-846 6020A	0.21	98.3 *	
02/27 1231 RAH	Copper	7.00 mg/K	g		SW-846 6020A	0.35	98.2 *	
02/27 1231 RAH	Zinc	62.00 mg/K			SW-846 6020A	1.09	107.5 *	
02/28 1530 CLB	Nitogen, Plant Available	4.44 mg/k			33 MSA 2nd Ed	0.00	100.0 *	
02/27 1231 RAH	Arsenic	9.00 mg/K			SW-846 6020A	1.50	100.6 *	
02/23 0900 CLB	Specific Conductance	249.0000 umho			EPA (MOD) 9050A	0.00	N/A	
02/27 1231 RAH	Cadmium	< 2.50 mg/K	q		SW-846 6020A	0.22	100.8 *	
02/27 1231 RAH	Lead	12.50 mg/K			SW-846 6020A	2.41	95.1 *	
					i			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1802010341

Customer Name : CLINTON, EAST LA AIRPORT9

Customer Number: 2959

Report Date : 02/28/18

Sample Date : 02/19/18

Sample Time : 1130

Sample Type : GRAB SOIL

Sample From : EAST LA AIRPORT 9

Collected By: TCF Delivery By : TCF

Work Order: Purchase Order:

	Ouality A	Assurance					
Analysis					ļ	Precision	Accuracy
<u>Date Time By</u>	<u> Parameter</u>	Result	Notes (uantity	Method	% RPD	% Recovery
02/23 1630 CLB	Ammonia Nitrogen	1.6800 mg/kg	ſ		SM 1997 4500-NH3 C	1.17	98.2 *
02/22 1520 RAH	Mercury	< 0.1304 mg/Kg			SW-846 7474 02/07	4.78	89.5 *
02/27 1030 CLB	Nitrate Nitrogen	9.390 mg/kg			SM 2000 4500-NO3 E	4.35	98.2 *
02/26 1600 CLB	Phosphorous, Total (as P)	297.0100 mg/kg			EPA 365.3	2.19	94.6 *
02/27 1231 RAH	Magnesium	735.50 mg/Kg			SW-846 6020A	2.37	111.6 *
02/27 1231 RAH	Potassium	1066.00 mg/Kg	Ī		SW-846 6020A	2.32	98.7 *
02/23 0900 CLB	pH Soil	6.96 S.U.			SW846 9045C	0.00	N/A *
02/27 1231 RAH	Nickel	17.00 mg/Kg			SW-846 6020A	0.21	98.3 *
02/27 1231 RAH	Copper	6.00 mg/Kg			SW-846 6020A	0.35	98.2 *
02/27 1231 RAH	Zinc	45.00 mg/Kg			SW-846 6020A	1.09	107.5 *
02/28 1530 CLB	Nitogen, Plant Available	11.07 mg/kg			33 MSA 2nd Ed	0.00	100.0 *
02/27 1231 RAH	Arsenic	8.00 mg/Kg			SW-846 6020A	1.50	100.6 *
02/23 0900 CLB	Specific Conductance	12.5200 umhos			EPA (MOD) 9050A	0.00	N/A *
02/27 1231 RAH	Cadmium	< 2.50 mg/Kg			SW-846 6020A	0.22	100.8 *
02/27 1231 RAH	Lead	9.50 mg/Kg			SW-846 6020A	2.41	95.1 *
					1		

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1802010342

Customer Name : CLINTON, EAST LA WD13

Customer Number : 2960

Report Date : 02/28/18

Sample Date : 02/19/18

Sample Time : 1120

Sample Type : GRAB SOIL Sample From : EAST LA WD13

Collected By: TCF Delivery By : TCF

Work Order: Purchase Order:

	<u>Laboratory Analysis</u>							
Analysis				and the state of t	<u>Quality Precision</u>	Accuracy		
<u>Date Time By</u>	Parameter	Result No	otes Quantity	Method	% RPD	% Recovery		
02/23 1630 CLB	Ammonia Nitrogen	1.4700 mg/kg		SM 1997 4500-NH3 C	1.17	98.2 *		
02/22 1520 RAH	Mercury	< 0.1306 mg/Kg		SW-846 7474 02/07	4.78	89.5 *		
02/27 1030 CLB	Nitrate Nitrogen	9.060 mg/kg		SM 2000 4500-NO3 E	4.35	98.2 *		
02/26 1600 CLB	Phosphorous, Total (as P)	382.1000 mg/kg		EPA 365.3	2.19	94.6 *		
02/27 1231 RAH	Magnesium	1094.00 mg/Kg		SW-846 6020A	2.37	111.6 *		
02/27 1231 RAH	Potassium	1716.00 mg/Kg		SW-846 6020A	2.32	98.7 *		
02/23 0900 CLB	pH Soil	7.22 S.U.		SW846 9045C	0.00	N/A *		
02/27 1231 RAH	Nickel	21.50 mg/Kg		SW-846 6020A	0.21	98.3 *		
02/27 1231 RAH	Copper	7.50 mg/Kg		SW-846 6020A	0.35	98.2 *		
02/27 1231 RAH	Zinc	64.50 mg/Kg		SW-846 6020A	1.09	107.5 *		
02/28 1530 CLB	Nitogen, Plant Available	10.53 mg/kg		33 MSA 2nd Ed	0.00	100.0 *		
02/27 1231 RAH	Arsenic	12.00 mg/Kg		SW-846 6020A	1.50	100.6 *		
02/23 0900 CLB	Specific Conductance	12.0700 umhos		EPA (MOD) 9050A	0.00	N/A *		
02/27 1231 RAH	Cadmium	< 2.50 mg/Kg		SW-846 6020A	0.22	100.8 *		
02/27 1231 RAH	Lead	14.50 mg/Kg		SW-846 6020A	2.41	95.1 *		
				1				

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Signature

Environmental Service Co.

Environmental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	C	Client Information				Pro	ject Inf	ormation	****				Rec	lues	ted	Para	ame	eters	;
Client:		Clinton, City of (Ea	st Land Ap	o)	Permit/Pro	ject #:										[; [
Address:		P.O. Box 277			Purchase	Order #:							6						
		Clinton, AR 72031			Work Orde	er#						(3)	9	5.M)	Î				
Phone:		501-745-4320			Sampler Name(s): Trev			Var Forthman				Jeu	Phos	nd(3	33.A				
Fax:		Mr. Phil Graham			1	, ,				· · · · · · · · · · · · · · · · · · ·		Comments)	3), [ပ္ပ	NA.				
Contact:		501-745-2164			and Signat	ture(s):	Om	- 12	511			ပိ	n(01	Spe	(,				
ESC Client Nu	mber:	Various			1	()						See	roge	3.5),	.jo	il			
Sar	nple Iden	tification		Sample	Collection			Sample (Containers	3		SE SE	e Zit	H(23	Ammonia(01.1), PAN(33.AN)				
Identifica		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	1	#	Metals	Nitrate Nitrogen(01 3), Phos(01.9)	Soil pH(23.S), Spec Cond(35.M)	Amr				
East LA 40.24 PB	3 (3004)	/8020/0337	2-19-18	1215	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C	;	1	х	X	х	х	\Box	一		*******
East LA 40.24 PB	30 (3003)	1802010 338	2-19-18	1230	Grab	Soil	Glass	* 1 Liter	Cool ≤ 6° C	;	1	х	x.	x	х			\neg	
East LA 55.57 PB	10 (511)	1802010088	2-19-18	1145	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х		$\neg \dagger$	\neg	
East LA 55.57 PB	3 (3002)	1702010-339	2-19-18	1155	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х			\neg	
East LA 55.57 PB	30 (3001)	1802010340	2-19-18	1205	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х		\dashv	\neg	
East LA Airport9 (2959)	1802010341	2-19-18		Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х		十	\top	
East LA WD13 (29	960)	1802010342	2-19-18	1120	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х	\exists		$\neg \uparrow$	
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1803010322

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 04/02/18

Sample Date : 03/26/18

Sample Time : 1031

Sample Type : GRAB WATER
Sample From : EAST WELL #13

Collected By: JJM Delivery By : JJM

Work Order : Purchase Order :

	<u>Laboratory Analysis</u>							
Analysis						Precision	Accuracy	
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery	
03/27 0750 DWC	Chloride (as Cl)	12.0	mg/L		SM1997 4500ClC	0.43	92.0 *	
03/26 1031 JJM	рН	6.3	S.U.		SM 2000 4500-H+B	0.00	N/A	
03/27 1430 CLB	Solids, Total Dissolved	140.0	mg/L		SM1997 2540 C	0.00	N/A	
03/26 1031 JJM	Spec. Conductance @ 25 C	260.000	umho/c		SM1997 2510B	0.00	N/A	
03/29 1430 CLB	Nitrate + Nitrite	1.67	mg/L		HACH 10206	1.12	98.3 *	
03/26 1031 JJM	Well Depth, Total	15.40	Feet			N/A	N/A	
03/26 1031 JJM	Depth to Water	10.00	Feet			N/A	N/A	

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1803010323

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 04/02/18

Sample Date : 03/26/18

Sample Time : 1052

Sample Type : GRAB WATER Sample From : EAST WELL #14

Collected By: JJM Delivery By : JJM

Work Order :

Purchase Order :

	<u>Laboratory Analysis</u>								
Analysis						Precision	Accuracy		
Date Time By	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery		
03/27 0750 DWC	Chloride (as Cl)	5.0	mg/L		SM1997 4500ClC	0.43	92.0 *		
03/26 1052 JJM	рН	7.0	S.U.		SM 2000 4500-H+B	0.00	N/A *		
03/27 1430 CLB	Solids, Total Dissolved	82.0	mg/L		SM1997 2540 C	0.00	N/A *		
03/26 1052 JJM	Spec. Conductance @ 25 C	126.400	umho/c		SM1997 2510B	0.00	N/A *		
03/29 1430 CLB	Nitrate + Nitrite	0.49	mg/L		HACH 10206	1.12	98.3 *		
03/26 1052 JJM	Well Depth, Total	13.10	Feet			N/A	N/A		
03/26 1052 JJM	Depth to Water	9.20	Feet			N/A	N/A		
03/26 1052 JJM	Well Depth, Total	13.10	Feet		HACH 10206	N/A	N/A		

* QA data shown is from a different sample or standard on the same date.

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Control Number: 1803010324

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 03/27/18

Sample Date : 03/26/18

Sample Time :

Sample Type : DRY WELL

Sample From : EAST WELL #16

Collected By: Delivery By:

Work Order : Purchase Order :

Analysis		Laboratory Analys	<u>sis</u>				Quality Assurance Precision Accuracy		
<u> Date Time By </u>	Parameter ry Well	Result 0.00	<u>Notes</u>	Quantity	Method	% RPD N/A	% Recovery		
* OA data shown	is from a different sam	mle or standard on	the same	date					

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1803010325

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 04/02/18

Sample Date : 03/26/18

Sample Time : 1016

Sample Type : GRAB WATER Sample From : EAST WELL #17 Collected By: JJM Delivery By : JJM

Work Order : Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quantity	Method	% RPD	% Recovery
03/27 0750 DWC	Chloride (as Cl)	$1.0~{ m mg/L}$	SM1997 4500ClC	0.43	92.0 *
,		6.2 S.U.	SM 2000 4500-H+B	0.00	N/A *
03/27 1430 CLB	Solids, Total Dissolved	94.0 mg/L	SM1997 2540 C	0.00	N/A *
03/26 1016 JJM	Spec. Conductance @ 25 C	81.100 umho/c	SM1997 2510B	0.00	N/A *
03/29 1430 CLB	Nitrate + Nitrite	4.31 mg/L	HACH 10206	1.12	98.3 *
03/26 1016 JJM	Well Depth, Total	17.60 Feet		N/A	N/A
03/26 1016 JJM	Depth to Water	12.80 Feet		N/A	N/A

^{*} QA data shown is from a different sample or standard on the same date.

Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Josh Miller and Signature:

Date: 3-210-18

Time: 1520

Sample Date: Laboratory Sample Depth Total Control Temperature Identification Sample To Well рН Specific Conductance Number Degrees C (Customer #) Time: Water Depth **Clinton East Wells** #2 #1 #1 #3 #1 #2 #3 Time Time Time 63 15′ 4″ 260 | 260 | 260 14.2/4.2 10176 1803010322 #13 (507) X X 6.905/1035 1264 1057 136 13′ 1″ 1803010323 #14 (508) X X 1006 1803010324 14' 0" #16 (509) X X 1.18 550 822825 1020 1803010325 17' 6" #17 (649) X X

Received By Laby Mutting Rown

1520

Time:

Comments:

Relinquished by:

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1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1806010504

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 07/06/18

Sample Date : 06/28/18

Sample Time : 1200

Sample Type : GRAB WATER Sample From : WELL #13

Collected By: JGK Delivery By : JGK

Work Order :

Purchase Order :

	<u>Laboratory Analysis</u>								
Analysis						Precision	Accuracy		
<u>Date Time By</u>	<u>Parameter</u>	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery		
06/29 1530 DWC	Chloride (as Cl)	20.0	mg/L		SM1997 4500ClC	0.00	102.5 *		
06/28 1200 JGK	рн	6.0	S.U.		SM 2000 4500-H+B	0.00	N/A *		
07/02 1030 NTR	Solids, Total Dissolved	135.0	mg/L		SM1997 2540 C	7.41	N/A		
06/28 1200 JGK	Spec. Conductance @ 25 C	258.000	umho/c		SM1997 2510B	0.00	N/A		
07/03 1545 NTR	Nitrate + Nitrite	1.44	mg/L		HACH 10206	0.94	99.2		
06/28 1200 JGK	Well Depth, Total	15.40	Feet			N/A	N/A		
06/28 1200 JGK	Depth to Water	9.10	Feet			N/A	N/A		

st QA data shown is from a different sample or standard on the same date.

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Signature

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1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1806010505

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 07/06/18

Sample Date : 06/28/18

Sample Time : 1056

Sample Type : GRAB WATER Sample From : WELL #14

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

	<u>Laboratory Analysis</u>							
Analysis					Precision	Accuracy		
Date Time By	Parameter	Result Notes	<u>Quantity</u>	Method	% RPD	% Recovery		
06/29 1530 DWC	Chloride (as Cl)	$20.0~{ m mg/L}$		SM1997 4500ClC	0.00	102.5 *		
06/28 1056 JGK	Нд	5.5 S.U.		SM 2000 4500-H+B	0.00	N/A *		
07/02 1030 NTR	Solids, Total Dissolved	90.0 mg/L		SM1997 2540 C	7.41	N/A *		
06/28 1056 JGK	Spec. Conductance @ 25 C	132.600 umho/c		SM1997 2510B	0.00	N/A *		
07/03 1545 NTR	Nitrate + Nitrite	1.61 mg/L		HACH 10206	0.94	99.2 *		
06/28 1056 JGK	Well Depth, Total	13.10 Feet			N/A	N/A		
06/28 1056 JGK	Depth to Water	9.00 Feet			N/A	N/A		

 \star QA data shown is from a different sample or standard on the same date.

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Signature

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Control Number: 1806010506 Customer Name: CLINTON, EAST GW16 Customer/Permit No.: 509 / AR0048836 001

Report Date : 07/02/18

Sample Date : 06/28/18 Sample Time : 1113 Sample Type : DRY WELL Sample From : WELL #16 Collected By:
Delivery By:
Work Order:
Purchase Order:

Laboratory Analysis Quality Assurance Analysis Precision Accuracy Parameter Quantity Method Date Time By Result Notes % RPD % Recovery 06/28 1113 JGK Dry Well 0.00 N/AN/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

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1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1806010507

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 07/06/18

Sample Date : 06/28/18

Sample Time : 1047

Sample Type : GRAB WATER Sample From : WELL #17

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

	<u>Laboratory Analysis</u>							
Analysis						Precision	Accuracy	
Date Time By	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery	
06/29 1530 DWC	Chloride (as Cl)	10.0	mg/L		SM1997 4500ClC	0.00	102.5 *	
06/28 1047 JGK	рН	5.4	S.U.		SM 2000 4500-H+B	0.00	N/A *	
07/02 1030 NTR	Solids, Total Dissolved	100.0	mg/L		SM1997 2540 C	7.41	N/A *	
06/28 1047 JGK	Spec. Conductance @ 25 C	88.900	umho/c		SM1997 2510B	0.00	N/A *	
07/03 1545 NTR	Nitrate + Nitrite	6.06	mg/L		HACH 10206	0.94	99.2 *	
06/28 1047 JGK	Well Depth, Total	17.60	Feet			N/A	N/A	
06/28 1047 JGK	Depth to Water	12.00	Feet			N/A	N/A	

* QA data shown is from a different sample or standard on the same date.

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Signature



Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Thomashild and Signature:

Sample Date:

r		7	· · · · · · · · · · · · · · · · · · ·					_Sam	ple Da	te:								
Sample Identificatior (Customer #		Sample Time:	Depth To Water	Total Well Depth			эΗ			ecific C		nce		Temperature Degrees C		Ci, TDS (1L Plastic ≤ 6 Deg C) NO3+N O2 (1 L C)		
Clinton E	ast Wells	7			#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	1806010504	1200	911	15′ 4″	6.0	b.0	6.0		1		-		i i	-	+	-		
#14 (508)	1806010505	1056	9'0"		5.5	5.5	5.5	Incl	137 1	122 1	(22 i	(and	un	16	21,2	1700	> X	X
#16 (509)	1806010506	1113		14' 0"			C			We		1026	19.0	19,0	4.0	1056		X
#17 (649)	1866010507	<u> </u>	12'0"	17' 6"	5.4	ε.ч	1	1	1					16.	1		X	X
		1011		17 0	- \	13.(5.4	104-1	33-(284	88.9	1647	[q·]	19,1	19,1	1047	X	X

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	by: J. Moon	rchild	Time:	1700	۶ R	Receive	d By La	b: nni	Himal	Zour	<u> </u>		Date	: (e-a	3846	\ Ti-	ne: 1700	
Comments	• •							(<u> </u>	~						<u>- 1 1111</u>	110. Y 100	

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1808010371 Sample Date : 08/22/18 Collected By: JJM Sample Time : 1055 Delivery By : JJM Customer Name : CLINTON, EAST GW13 Customer/Permit No. : 507 / AR0048836 001 Sample Type : GRAB WATER Work Order : Report Date : 09/04/18

Sample From : EAST WELL #13 Purchase Order :

	Quality Assurance					
Analysis					Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes	Quantity	Method	% RPD	% Recovery
08/29 1315 DWC	Chloride (as Cl)	$1.0~{ m mg/L}$		SM1997 4500ClC	0.00	101.9 *
08/22 1055 JJM		6.1 S.U.		SM 2000 4500-H+B	0.00	N/A *
08/24 1245 PJC	Solids, Total Dissolved	$76.0~{ m mg/L}$		SM1997 2540 C	0.53	N/A *
08/22 1055 JJM	Spec. Conductance @ 25 C	147.100 umho/c		SM1997 2510B	0.00	N/A *
08/29 0930 CLB	Nitrate + Nitrite	$1.58~{ m mg/L}$		HACH 10206	19.00	90.4
08/22 1055 JJM	Well Depth, Total	15.40 Feet			N/A	N/A
08/22 1055 JJM	Depth to Water	7.80 Feet			N/A	N/A
					Į.	

* QA data shown is from a different sample or standard on the same date.

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Control Number: 1808010372

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 08/30/18

Sample Date : 08/22/18

Sample Time : 1110

Sample Type : GRAB WATER
Sample From : EAST WELL #14

Collected By: JJM Delivery By : JJM

Work Order : Purchase Order :

	Quality Assurance					
Analysis		•			Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes	Quantity	Method	% RPD	% Recovery
08/29 1315 DWC	Chloride (as Cl)	7.0 mg/L		SM1997 4500ClC	0.00	101.9 *
08/22 1110 JJM	рН	6.0 S.U.		SM 2000 4500-H+B	0.00	N/A *
08/24 1245 PJC	Solids, Total Dissolved	80.0 mg/L		SM1997 2540 C	0.53	N/A *
08/22 1110 JJM	Spec. Conductance @ 25 C	134.000 umho/c		SM1997 2510B	0.00	N/A *
08/29 0930 CLB	Nitrate + Nitrite	1.11 mg/L		HACH 10206	19.00	90.4 *
08/22 1110 JJM	Well Depth, Total	13.10 Feet			N/A	N/A
08/22 1110 JJM	Depth to Water	7.60 Feet			N/A	N/A

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Signature

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1808010373

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 08/30/18

Sample Date : 08/22/18

Sample Time : 1014

Sample From : EAST WELL #16

Sample Type : GRAB WATER

Collected By: JJM Delivery By : JJM

Work Order : Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quantit	y Method	% RPD	% Recovery
08/29 1315 DWC	Chloride (as Cl)	< 0.1 mg/L	SM1997 4500ClC	0.00	101.9 *
08/22 1014 JJM	рН	6.5 S.U.	SM 2000 4500-H+B	0.00	N/A *
08/24 1245 PJC	Solids, Total Dissolved	68.0 mg/L	SM1997 2540 C	0.53	N/A *
08/22 1014 JJM	Spec. Conductance @ 25 C	81.200 umho/c	SM1997 2510B	0.00	N/A *
08/29 0930 CLB	Nitrate + Nitrite	0.41 mg/L	HACH 10206	19.00	90.4 *
08/22 1014 JJM	Well Depth, Total	14.00 Feet		N/A	N/A
08/22 1014 JJM	Depth to Water	9.00 Feet		N/A	N/A

* QA data shown is from a different sample or standard on the same date.

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Control Number: 1808010374

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 08/30/18

Sample Date : 08/22/18

Sample Time : 1035 Sample Type : GRAB WATER

Sample From : EAST WELL #17

Collected By: JJM

Delivery By : JJM Work Order :

Work Order : Purchase Order :

	Quality Assurance						
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	<pre>% Recovery</pre>
08/29 1315 DWC	Chloride (as Cl)	< 0.1	mg/L		SM1997 4500ClC	0.00	101.9 *
08/22 1035 JJM	рН	6.0	S.U.		SM 2000 4500-H+B	0.00	N/A *
08/24 1245 PJC	Solids, Total Dissolved	108.0	mg/L		SM1997 2540 C	0.53	N/A *
08/22 1035 JJM	Spec. Conductance @ 25 C	100.400	umho/c		SM1997 2510B	0.00	N/A *
08/29 0930 CLB	Nitrate + Nitrite	4.10	mg/L		HACH 10206	19.00	90.4 *
08/22 1035 JJM	Well Depth, Total	17.60	Feet			N/A	N/A
08/22 1035 JJM	Depth to Water	10.50	Feet			N/A	N/A

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Signature



Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Oh / Niller and Signature: Dan Waller

Sample Date: 8-22-18

Sample Identification (Customer #)	Laboratory Control Number	Sample Time:	Depth To Water	Total Well Depth	рН		Specific Conductance		Temperature Degrees C			CI, TDS (1L) Plastic \$ 6 Deg C)	NO3+N O2 (1 L Plastic HZSO4)					
Clinton Ea	st Wells				#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	1808010371	555	7'8"	15′ 4″	h-l	6-1	1-0	100	147.1	147.2	147.1	1099	226	22.6	227	1059	Х	Х
#14 (508)	1808010372	1110	76"	13′ 1″	6.0	6.	60	lll2	1340			ા 113	21.6	21.6		Mz	· X	. X
#16 (509)	1808010373	1014	9	14′ 0″	65	15	64	104	8/2	81,2	8/2	1019	233	23.3	23.3	1014	х	х
#17 (649)	1808010374	t	10'5"	17′ 6″	60	59	5.9	1036			100.3					1036	· x	х

															-			
		1 1																
Relinquished	by: Ash Mi	lli	 Time	: 120°		 Receive	ed By L	ap: III		1501	un_	L	Dat	:e: 8-2	3-18 1	Ti	ime: 1505	5

Comments:

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1811010351

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 11/27/18

Sample Date : 11/19/18

Sample Time : 1245

Sample Type : GRAB WATER Sample From : WELL #13

Collected By: TMO Delivery By: TMO

Work Order : Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quantity	<u> Method</u>	% RPD	% Recovery
11/26 1230 DWC	Chloride (as Cl)	10.0 mg/L	SM1997 4500ClC	0.00	100.0 *
11/19 1245 TMO	pН	6.2 S.U.	SM 2000 4500-H+B	0.00	N/A *
11/20 0630 ATL	Solids, Total Dissolved	112.0 mg/L	SM1997 2540 C	0.80	N/A *
11/19 1245 TMO	Spec. Conductance @ 25 C	85.700 umho/c	SM1997 2510B	0.00	N/A *
11/21 1545 TCF	Nitrate + Nitrite	3.37 mg/L	HACH 10206	1.49	101.0 *
11/19 1245 TMO	Well Depth, Total	15.40 Feet		N/A	N/A
11/19 1245 TMO	Depth to Water	13.40 Feet		N/A	N/A

* QA data shown is from a different sample or standard on the same date.

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Signature

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1811010352 Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 11/27/18

Sample Date : 11/19/18 Sample Time : 1225

Sample Type : GRAB WATER Sample From : WELL #14

Collected By: TMO Delivery By : TMO

Work Order : Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes Quant	ity Method	% RPD	% Recovery
11/26 1230 DWC	Chloride (as Cl)	$10.0~{ m mg/L}$	SM1997 4500ClC	0.00	100.0 *
11/19 1225 TMO	рН	6.6 S.U.	SM 2000 4500-H+B	0.00	N/A *
11/20 0630 ATL	Solids, Total Dissolved	100.0 mg/L	SM1997 2540 C	0.80	N/A *
11/19 1225 TMO	Spec. Conductance @ 25 C	83.900 umho/c	SM1997 2510B	0.00	N/A *
11/21 1545 TCF	Nitrate + Nitrite	$3.19~ exttt{mg/L}$	HACH 10206	1.49	101.0 *
11/19 1225 TMO	Well Depth, Total	13.10 Feet		N/A	N/A
11/19 1225 TMO	Depth to Water	13.60 Feet		N/A	N/A

* QA data shown is from a different sample or standard on the same date.

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Northwest Arkansas Branch
1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1811010353

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 11/27/18

Sample Date : 11/19/18 Sample Time : 1210

Sample Type : GRAB WATER Sample From : WELL #16

Collected By: TMO Delivery By: TMO

Work Order : Purchase Order :

	Quality Assurance						
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
11/26 1230 DWC	Chloride (as Cl)	10.0	mg/L		SM1997 4500ClC	0.00	100.0 *
11/19 1210 TMO	<u> </u>	6.3	S.U.		SM 2000 4500-H+B	0.00	N/A *
11/20 0630 ATL	Solids, Total Dissolved	96.0	mg/L		SM1997 2540 C	0.80	N/A *
11/19 1210 TMO	Spec. Conductance @ 25 C	130.000	umho/c		SM1997 2510B	0.00	N/A *
11/21 1545 TCF	Nitrate + Nitrite	3.89	mg/L		HACH 10206	1.49	101.0 *
11/19 1210 TMO	Well Depth, Total	14.00	Feet			N/A	N/A
11/19 1210 TMO	Depth to Water	14.00	Feet			N/A	N/A
						1	

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Signature

^{*} QA data shown is from a different sample or standard on the same date.

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1811010354

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 11/27/18

Sample Date : 11/19/18

Sample Time : 1155

Sample Type : GRAB WATER Sample From : WELL #17

Collected By: TMO

Delivery By : TMO Work Order :

Purchase Order :

		Laboratory Ana	lysis			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
11/26 1230 DWC	Chloride (as Cl)	10.0	mg/L		SM1997 4500ClC	0.00	100.0 *
11/19 1155 TMO	рН	6.3	S.U.		SM 2000 4500-H+B	0.00	N/A *
11/20 0630 ATL	Solids, Total Dissolved	128.0	mg/L		SM1997 2540 C	0.80	N/A *
11/19 1155 TMO	Spec. Conductance @ 25 C	127.800	umho/c		SM1997 2510B	0.00	N/A *
11/21 1545 TCF	Nitrate + Nitrite	5.95	mg/L		HACH 10206	1.49	101.0 *
11/19 1155 TMO	Well Depth, Total	17.60	Feet			N/A	N/A
11/19 1155 TMO	Depth to Water	12.90	Feet			N/A	N/A

 * QA data shown is from a different sample or standard on the same date.

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Signature

Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): 1 im 6 thy D'Neu and Signature:

Sample Date: 11-19418

Sample Identification	Laboratory Control		Depth	Total			****	Jann		ce	(1-11	10					T	T
(Customer #)	Number	Sample Time:	To Water	Well Depth		F	Н		Sp	ecific C	onducta	nce		Tempo Degr	erature ees C		CI, TDS (1L Plastic ≤ 6 Deg C)	NO3+N 02 (1 L Plastic H2SO4)
Clinton Ea	ast Wells			Ţ	#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	1811010351	1243	134	15′ 4″	6.2	le-2	le-2			1	85,7	T		***************************************	9.2		x	x
#14 (508)	1811010352	1225	13'6	13′ 1″	le le	(e.5	6.5			83.9		l 1		9.4		1225		X
#16 (509)	1811010353	1210	140	14' 0"	6.3	6.3	63	ti i	130	1	l l	1210		9,5	9,5	1210	X	X
#17 (649)	1811010354	1155	12:119	17′ 6″	4.3	le.3	6.3	1158	127.8	127.8	127.8			9.3		1158		X
														•	_/\	1120		
									g						-			
Relinquished		ul_	Time:	1600	R	eceived	By Lai	b: 💋	Q	ORK.	e Cal	4	Date	: 11/1	9/18	Tim	no. 1 6	W
Comments:	/			•										/	7 '	1 1111	ie. (0	

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010554

Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 08/02/22

Sample Date: 03/28/19

Sample Time : 1110
Sample Type : GRAB WWATER

Sample From : IRRIGATION WATER

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysis			Ouality :	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes	Quantity	Method	% RPD	% Recovery
03/29 0800 TCF	BOD, 5-day	16.1 mg/L		SM 2011 5210 B	0.00	93.6 *
04/01 1600 PJC	Ammonia as N, (HACH/SM)	$0.09~{ m mg/L}$		SM 2011 4500-NH3-G	1.36	101.5 *
04/05 1400 TCF	Total Kjeldahl Nitrogen	5.2 mg/L		02/2014 HACH 10242	1.04	98.5 *
04/04 1700 PJC	Potassium	2.7290 mg/L		EPA 200.8	0.56	96.6 *
03/28 1115 JGK	рН	9.4 S.U.		SM 2011 4500-H+B	0.00	N/A *
04/04 1700 PJC	Copper	< 0.0030 mg/L		EPA 200.8	1.76	92.8
04/04 1700 PJC	Zinc	$0.0169~{ m mg/L}$		EPA 200.8	1.26	98.3
04/04 1700 PJC	Arsenic	< 0.0100 mg/L		EPA 200.8	1.68	96.6
04/04 1700 PJC	Selenium	< 0.0100 mg/L		EPA 200.8	0.59	96.6
03/28 1115 JGK	Spec. Conductance @ 25 C	138.000 umho/c		EPA 120.1	0.00	N/A
04/04 1700 PJC	Cadmium	< 0.00400 mg/L		EPA 200.8	0.03	96.3
04/02 1400 PJC	Mercury	< 0.0010 mg/L		EPA 245.7	1.69	114.3
04/04 1700 PJC	Lead	< 0.01000 mg/L		EPA 200.8	1.40	98.1
	Nitrate + Nitrite	1.16 mg/L		HACH 10206	2.08	99.4 *
04/05 0800 PJC	Sodium Absorption Ratio	38.2285 Ratio		AGRN 724		77.1

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Signature

13715 West Markham

Phone: 501-221-2565

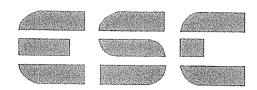
P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	С	lient Inf	ormation				Pro	oject Inf	ormation	1	******			Rec	jues	ted	Para	ame	ters	5
Client:		Clinton,	East IW			Permit/Pro	ject #:		AR00488	336	TOTAL SECTION OF SECTION OF									
Address:	····	P.O. Bo	x 277			Purchase	Order#:													
		Clinton,	AR 72031			Work Orde	er#							£						
Phone:		501-745	-4320			Sampler N	lame(s):	J. V.	noarns c	Lia				02(6		_				
Fax:		501-745	-2164		**************************************	•	(" / "		100 (1) C	M.CON				Ž +		ents				
Contact:		Mr. Phil	Graham			and Signa	ture(s)·	$\overline{}$, C					Š		Comments)				
ESC Client Nu	mber:	6	619	***************************************		1		<u> </u>	, <u>Line</u>					. (A)						
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Identifica	tion	ESC (Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	manners and	#	BOD(3.)	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (See				
Irrigatio	on Water	19030	0554	3/28/19	1110	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C		π <u> </u>	<u>π</u>	Z	<u> </u>	2				
		1	<u> </u>	41	11	Grab	Wwater	Plastic	8 oz	Cool ≤ 6* C, H2SO4 to pH <2	-	-	^	V	V		$\left - \cdot \right $			
				H	11	Grab	Wwater	Plastic	1 Liter	 		1		Х	Х	V	\vdash	\dashv		
						1	vvwa(c)	riastic	1 Liter	HNO3 to pl	- 2	-			_	Х	\vdash			
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Relinquished By: (Signa	ture and Printed	Name)	***************************************	Date	Time	Received By: /Si	gnature and Printe	d Nama)		Date			Used		ΛA		Intac	t?		
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Relinquished By. (Signature and Printed Name) 7 (C) 0000 Ch. Ld 3/28149 1536						Received for Lab	By: (Signature an	d Printed Nan	10)	3-28-19	Time 1930	e			les pr	pperly	preser	ved:	lament patent	
							FIOW D	ata	Field Test		Analys		Resu	Yes	Rest	ult 1		No Units		MARIO PEREZO
Comments: N	/letals: Hg(2d(48.HW),	50.15), C	u(29.HW), .	Zn(30.HW),	As(33.HW)	, Se(34.HW)	Analyst: Time:	**************************************	pH:	1115	שע		9.1	4	9.	4	S.U.		transma, part	
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1906010425

Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 07/10/19

Sample Date : 06/27/19 Sample Time : 0940

Sample Type : GRAB WWATER Sample From : IRRIGATION WATER Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysis		Quality :	Assurance
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity Method	% RPD	% Recovery
06/28 0700 DWC	BOD, 5-day	$24.00~{ m mg/L}$	SM 2011 5210 B	0.00	95.1 *
07/03 0900 JJM	Ammonia as N, (HACH/SM)	$0.06~{ m mg/L}$	H/SM 11 10205/4500	3.04	100.2 *
07/05 0830 PJC	Total Kjeldahl Nitrogen	5.8 mg/L	02/2014 HACH 10242	2.67	99.2
06/27 0945 JGK	рН	7.2 S.U.	SM 2011 4500-H+B	0.00	N/A *
06/28 1700 PJC	Copper	$0.00900~{ m mg/L}$	EPA 200.8	2.36	98.8
06/28 1700 PJC	Zinc	$0.0182~{ m mg/L}$	EPA 200.8	9.11	114.3
06/28 1700 PJC	Arsenic	< 0.0100 mg/L	EPA 200.8	4.17	115.0
06/28 1700 PJC	Selenium	< 0.0100 mg/L	EPA 200.8	1.10	85.3
06/27 0945 JGK	Spec. Conductance @ 25 C	184.600 umho/c	SM1997 2510B	0.00	N/A *
06/28 1700 PJC	Cadmium	< 0.0040 mg/L	EPA 200.8	3.39	110.7
07/05 1400 PJC	Mercury	< 0.0010 mg/L	EPA 245.1	9.54	101.1
07/08 1700 PJC	Lead	< 0.0100 mg/L	EPA 200.8	0.08	96.8
07/05 1030 PJC	Nitrate + Nitrite	2.39 mg/L	HACH 10206	3.24	98.9

* QA data shown is from a different sample or standard on the same date.

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Signature

13715 West Markham Little Rock, AR 72211 P.O. Box 55146

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information			1	Dr	ala at Ind						**********	شسست		Selection (mile)		
				.		oject ini	ormation				<u>Rec</u>	ques	<u>ited</u>	Para	ame	ters	
Client:	Clinton, East IW			Permit/Pro	ject #:		AR00488	336								l	
Address:	P.O. Box 277			Purchase	Order #:					1							
	Clinton, AR 72031	1		Work Orde						7	91.)						
Phone:	501-745-4320			Sampler N	lame(s):	7	Knoern . Les	5 (1.1.	l	1	05(©				
Fax:	501-745-2164			1						1	+ 2		nent				
Contact:	Mr. Phil Graham			and Signa	ture(s):	=	11.	ا سرمہ دسرہ	7	1	S N		Comments)				
ESC Client Number:	619			1	, ,	$\overline{/}$				1	5.A),		(See C				
Sample Id	dentification		Sample	Collection			Sample (Containers	3	(e)	N.	(16.0	s) sı				
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative #	BOD(3.)	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (
Irrigation Wa	ter [a06010425	W-27-19	0940	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C	1	X	-			m			
		Ų,	11	Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2	1	1	X	Х			\exists	\top	
		·~	14	Grab	Wwater	Plastic	1 Liter	HNO3 to p	H <2 1				Х		\neg	T	
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Relinquished By: (Signature and P	rinted Name)	Date	Time	Received for Lab	Rv: (Signature and	d Printed Nam) <u>a</u>)	Date	Time	Regu				Spec	<u></u>		_
f.10 15	· Kroenid G	1827/19	1515	6/65	1 Ogke	Calto		6-27-19	1515		Yes	les pic	peny	presen	vea: No		
No.	U-(50.45) O-(00.1)M	7 /00 1 0 4 6	(00)		Flow Da	ata	Field Test		Analyst	Res	ult	Resu			Jnits		
Comments: Metals: Cd(48.F	Hg(50.15), Cu(29.HW), HW), Pb(82.HW), 00.MD	Zn(30.HVV),	As(33.HW),	Se(34.HW)	Analyst: Time:		pH: Conduct:	७१५८	Ju		. 2	7.		S.U.			
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1907010248

Customer Name : CLINTON, EAST IW

Sample Date : 07/29/19

Collected By: TMO

Customer/Permit No. : 619 / AR0048836 001

Sample Time : 1020

Delivery By : TMO

Sample Type : GRAB WWATER

Work Order :

Report Date : 08/07/19

Sample From : IRRIGATION WATER

Purchase Order :

	Laboratory Analysis								
Analysis				İ	Precision	Accuracy			
Date Time By	Parameter	Result No	otes Quantity	Method	≥ RPD	<pre>% Recovery</pre>			
07/31 0700 DWC	BOD, 5-day	22.70 mg/L		SM 2011 5210 B	2.61	103.5			
07/31 1300 PJC	Ammonia as N, (HACH/SM)	$0.14~{ m mg/L}$		H/SM 11 10205/4500	2.38	100.5 *			
08/06 1300 PJC	Total Kjeldahl Nitrogen	7.3 mg/L		02/2014 HACH 10242	1.05	100.8 *			
07/29 1024 TMO	Н	7.3 S.U.		SM 2011 4500-H+B	0.00	N/A			
08/02 1700 PJC	Copper	0.00630 mg/L		EPA 200.8	1.08	107.8 *			
08/02 1700 PJC	Zinc	0.0296 mg/L		EPA 200.8	1.59	97.7 *			
08/02 1700 PJC	Arsenic	< 0.0100 mg/L		EPA 200.8	0.66	97.6			
08/02 1700 PJC	Selenium	< 0.0100 mg/L		EPA 200.8	4.40	99.3 *			
07/29 1024 TMO	Spec. Conductance @ 25 C	181.000 umho/c		SM1997 2510B	0.00	N/A			
08/02 1700 PJC	Cadmium	< 0.0040 mg/L		EPA 200.8	1.95	99.5 *			
08/05 1400 PJC	Mercury	< 0.0010 mg/L		EPA 245.1	0.27	102.7			
08/02 1700 PJC	Lead	< 0.0100 mg/L		EPA 200.8	0.45	102.5 *			
07/31 1530 PJC	Nitrate + Nitrite	2.13 mg/L		HACH 10206	0.51	98.8			

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Services Co.,

^{*} OA data shown is from a different sample or standard on the same date.

13715 West Markham

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Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	С	lient Information		NAME OF THE PARTY		Pro	oject Inf	ormation					Rec	ques	ted	Para	ame	ters	3
Client:		Clinton, East IW			Permit/Pro	ject #:		AR00488	336										
Address:		P.O. Box 277			Purchase	Order #:													ĺ
		Clinton, AR 72031			Work Orde	er#				A			91.)						
Phone:		501-745-4320			Sampler N	lame(s):	Tim	othy	O'Nea	7			102((5		İ		
Fax:		501-745-2164				, ,		7		1			+ ~		nent				
Contact:		Mr. Phil Graham			and Signa	ture(s):	Mari	volt c	5 Ylack	/			ÖN		Comments)				
ESC Client Nu	mber:	619				()		7					NH3-N(15.A), NO3 + NO2(91.)	<u></u>					
San	nple Ideni	tification		Sample	Collection		ĺ	Sample (Containers	3	-	D(3.)	N (1)	16.C	s (S				
Identifica		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	-	#	BOD	₹ H3	TKN(16.C)	Metals (See				
Irrigatio	on Water	1907010248	7-29-19	1020	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C	-	1	X		厂					***************************************
*		1	1	1000	Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2	*	<u> </u>	^	х	х	 				
					Grab	Wwater	Plastic	1 Liter	HNO3 to pi	U ~2	'		 ^ 	<u> </u>	Х		-	-	 -
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Relinquished By: (Signa	iture and Printed	Name)	Date	Time	Received By: (Si	gnature and Printe	d Nama)	·····	Date	Time		Used	? around	N		Intac	t?		L
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Relinquished By: (Signa	ture and Printed	Name) IimsthoWul	7-29-19	1425	Received for Lab	By- (Signature an	d Printed Nam	(1/oct	Date 7-19-19	Time / 4/2			samp Yes	les pro	perly		ved: No		
	•	j ,		(Flow D	, ,	Field Test		Analys		Resi		Resu	ilt		Units		
Comments: / N	Metals: Hg((50.15), Cd(29.HW), Z	Zn(30.HW), /	As(33.HW),	Se(34.HW)			pH:	1024	TOW			3	.7.		S.U.		بندخيبست	
~ (ر48.HW) <u>,</u>	Pb(82.HW), 00.MD				Time:		Conduct:	1029	Tho	二	18	10	18	(12	U MF	os		
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1910010350

Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 11/15/19

Sample Date: 10/24/19

Sample Time : 1506

Sample Type : GRAB WWATER Sample From : IRRIGATION WATER Collected By: NTR
Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analys	<u>is</u>			Quality A	Assurance
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
10/25 0700 DWC	BOD, 5-day	12.80 mg/	L		SM 2011 5210 B	0.00	106.6 *
10/28 0845 DWC	Ammonia as N, (HACH/SM)	6.75 mg/	L		H/SM 11 10205/4500	2.45	99.2 *
11/12 0900 TCF	Total Kjeldahl Nitrogen	10.3 mg/	L		02/2014 HACH 10242	3.77	103.9
10/24 1507 NTR	рн	7.6 S.U	•		SM 2011 4500-H+B	0.00	N/A *
10/31 1700 PJC	Copper	0.00750 mg/	L		EPA 200.8	3.06	89.1 *
10/31 1700 PJC	Zinc	0.0194 mg/	L		EPA 200.8	1.01	91.5 *
10/31 1700 PJC	Arsenic	< 0.0070 mg/	L		EPA 200.8	4.44	89.8 *
10/31 1700 PJC	Selenium	< 0.0110 mg/	L		EPA 200.8	4.72	89.7 *
10/24 1507 NTR	Spec. Conductance @ 25 C	188.000 umh	.o/c		SM1997 2510B	0.33	N/A *
10/31 1700 PJC	Cadmium	< 0.0070 mg/	L		EPA 200.8	2.23	89.1 *
11/06 1400 PJC	Mercury	< 0.0010 mg/	L		EPA 245.1	4.62	88.9
10/31 1700 PJC	Lead	0.0174 mg/	L		EPA 200.8	1.93	90.2 *
10/30 1230 PJC	Nitrate + Nitrite	0.55 mg/	L		HACH 10206	0.35	98.0 *

 $\mbox{*}$ QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature



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Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	C	lient Information				Pro	oject Inf	ormation					Req	ues	ted	Para	ame	ters	-
Client:		Clinton, East IW			Permit/Pro	ject #:		AR00488	336			-							
Address:		P.O. Box 277			Purchase (Order #:													
_		Clinton, AR 72031			Work Orde	er#							91.)						
Phone:		501-745-4320			Sampler N	ame(s):		Ned R	yerson				NH3-N(15.A), NO3 + NO2(91.)		(S)				
Fax:		501-745-2164			1	` ,	<u>£</u>		7				4 + 8		Comments)			l	
Contact:		Mr. Phil Graham			and Signat	ture(s):		Ynd	Ono -		٦		Š.		L L				
ESC Client Nu		619			1	, 5(5).		V - CV	~~ \		一		(F)					İ	
	nple Ideni	*************************************		Sample	Collection			Sample (Containers		-	3.)	N(15	TKN(16.C)	Metals (See			ı	
Identifica		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	BOD(3.)	포	Ϋ́	letal			1	
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Irrigati \	on vvater	1910010350	10-24-19	1506	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C		1	<u>X</u>	 			\vdash	-+	-+	
		<u> </u>			Grab	Wwater	Plastic	8 oz	H2SO4 to pH <2		1		X	Х		\vdash			
		<u> </u>	<u>レ</u>	+	Grab	Wwater	Plastic	1 Liter	HNO3 to pl	H <2	1			<u> </u>	X				
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Relinquished By: (Signa	ature and Printed	Name)	Date	Time	Received By: (Sig	gnature and Printe	ed Name)		Date	Time			round		<u></u>	IIIIac	<u>'</u>		
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Religioushed By: Island	ature and Printed	Name)	Date 10-34-19	1745	Received for Lab	By: Augnature an	MC Ca	ne)	1024-19	17%	ζ ľ		Yes	ies pro	openy	preser	No [
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		(50.15), Cu(29.HW),	Zn(30.HW), <i>I</i>	4s(33.HW),	Se((84.HW)			pH:	1507	NIR		7.		7.		S.U.			
	Cu(40.HVV)	, Pb(82.HW), 00.MD	·····	·····		Time: Reading:		Conduct:	1507	NO	\dashv	18	X	19	0	U MF	103	 	
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010316

Customer Name : CLINTON, EAST 001

Report

Customer/Permit No. : 495 / AR0048836 001

Composite Date: 03/27/19 -03/28/19 Sample Time : 0900-0900/1055(3-28)

Sample Type : 24 HR COMP/GRAB WW

Collected By: PG/JGK Delivery By : JGK

Work Order :

rt Date : 0	04/05/19	Sample	From	: 1	FINAL	EFFLUENT	Purchase	Order	:

		Laboratory Analysis			Quality <i>P</i>	ssurance
Analysis					Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	응 RPD	% Recovery
03/28 1100 JGK	Dissolved Oxygen	9.90 mg/L	88.28 #/day	SM 2001 4500-0 G	0.00	N/A
04/01 1600 PJC	Ammonia as N, (HACH/SM)	0.07 mg/L	0.62 #/day	H/SM 11 10205/4500	1.36	101.5 *
03/28 1100 JGK	рН	8.1 S.U.		SM 2000 4500-H+B	0.00	N/A
04/04 1200 PJC	Solids, Total Suspended	< 2.50 mg/L	22.29 #/day	SM 2011 2540 D	0.00	N/A *
03/28 1600 TCF	E. Coliforms	1.0 /100ml		06/2012 Colilert18	0.00	N/A
03/28 1600 TCF	Fecal Coliform	< 1.0 /100ml		06/2012 Colilert18	0.00	N/A
03/29 0800 TCF	BOD, Carbonaceous	< 2.00 mg/L	17.83 #/day	SM 2011 5210 B	0.68	96.8 *

Flow 1.070000 MGD

* QA data shown is from a different sample or standard on the same date.

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Signature

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Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information			Project Information					Requested Paramet				ters	;				
Company Name:	Clinton, East 001			Permit/Pro	ject #:		AR00488	836										
Address:	P.O. Box 277			Purchase (Order #:		-				ĺ		<u></u>					
	Clinton, AR 72031			Work Orde	er#								Coli(43.2)					
Telephone:	501-745-4320			Sampler N	ame(s):	Phil	Grah	1 m					Coli					
Contact:	Mr. Phil Graham			1	• •		noen			\neg	(;)		Ë					
FAX:	501-745-2164			and Signat	ure(s):	PLO	Dish	3000		$\neg \neg$	TSS(28.)		(43.					
ESC Client Number	er: 495 (3X per week)			1		\mathcal{L}	- (~	$\neg \neg$		₹	Coliform (43.),					
Sample	Identification		Sample	Collection		V	Sample (Containers	۹	-)(70.	Z(15.						
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	7		#	CBOD(70.),	NH3-N(15.A)	Fecal					
Final Effluent	1903010316	3-27-19	9 An	24Hr. Comp	Wwater	Plastic	1/2 Gai	Cool ≤ 6° C	-	1	X			\dashv	\dashv	十	\dashv	
				24Hr. Comp	Wwater	Plastic	1 Liter	Cool ≤ 6° C, H2SO4 to pH <2		1		х		\neg	\dashv	\dashv	\top	
		3/28/19	1085	Grab	Wwater	Whirlpak	150 mls	Cool <10° C, Na2S2O3		1		\bigcap	х	-	\top	\dashv	\dashv	
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	Goenraly	3/2/10	1530	Received for Lab B				Date 3-28-19	Time /530	0		sample Yes	es pro	perly p		ved: lo	_	
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Control Number: 1901010456

Customer Name : CLINTON, EAST 001

Customer/Permit No. : 495 / AR0048836 001

Report Date : 01/31/19

Composite Date: 01/13/19 -01/14/19

Sample Time : 0900-0900/1155(1-14)

Sample Type : 24 HR COMP/GRAB WW Sample From : FINAL EFFLUENT

Collected By: PG/TMO

Delivery By : TMO

Work Order : Purchase Order :

		Laboratory Analysis			Quality A	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
01/14 1159 TMO	Dissolved Oxygen	11.60 mg/L	114.07 #/day		0.00	N/A *
01/30 1530 PJC	Ammonia as N, (HACH/SM)	2.93 mg/L	28.81 #/day	H/SM 11 10205/4500	2.28	98.3 *
01/14 1159 TMO	рН	7.5 S.U.		SM 2000 4500-H+B	0.00	N/A *
01/17 1000 TCF	Phosphorous, Total (as P)	0.440 mg/L	4.33 #/day	HACH 10209	0.00	99.5 *
01/29 0900 PJC	Solids, Total Suspended	16.50 mg/L	162.25 #/day	SM 2011 2540 D	3.48	N/A *
04/14 1630 TCF	E. Coliforms	275.5 /100ml		06/2012 Colilert18	0.00	N/A
01/14 1630 TCF	Fecal Coliform	387.3 /100ml		06/2012 Colilert18	0.00	N/A
01/16 0645 DWC	BOD, Carbonaceous	4.30 mg/L	42.28 #/day	SM 2011 5210 B	0.00	104.6 *
01/17 1400 TCF	Nitrate + Nitrite	0.50 mg/L	4.92 #/day	HACH 10206	3.92	96.8 *
				j		

Flow 1.180000 MGD

* QA data shown is from a different sample or standard on the same date.

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Signature

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Phone: 501-221-2565

Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	C	lient Information				Pro	oject Inf	ormation			Т	Reg	ues	ted F	⁵ ara	met	ers
Client:		Clinton, East 001			Permit/Pro	ject #:		AR0048	836								at .
Address:		P.O. Box 277			Purchase (Order #:							3.IE)				
		Clinton, AR 72031			Work Orde	er#		, 11					Coli(43.1E)				
Phone:		501-745-4320			Sampler N	ame(s):	Phil	60	chan				ы				
Fax:		501-745-2164					Tin	nothy	ONICAL		 						
Contact:		Mr. Phil Graham			and Signat	ure(s):	81-1	1 1	6		TSS(28.)		Coliform (43.IF),				
ESC Client Num	nber:	495 (3X per week)]	(-).	1/1000	ALC.	1/06/			₹	form				
Sam	ple Iden	tification		Sample	Collection		1 / 2///		Containers		0/20	V(15	Col				
Identificati	on	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preservative	e #	CBOD(70.),	NH3-N(15.A)	Fecal				
Final Efflu	ent	1901010456	1-13-19	TAM	24Hr. Comp	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C	1	Х	_			+	十	+-
			1-	1	24Hr. Comp	Wwater	Plastic	8 oz	Cool < 6° C, H2SO4 to pH <2	1		х			+	+	+
			1-14-19	1155	Grab	Wwater	Whirlpak	4 oz	Cool ≤ 6 °C	2			х	+	+		
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townsh o Vlou	lim	oth O'Neul	1-14-19	Time o	Received or Lab B	y: (Signature and	The (Ca/e		Time		Yes (es/prof	perly pr	reserve No		7
						Flow Da		Field Test	Time Ana		Resu		Result		Ur	iits	
Comments:						Analyst: 77		Grab pH: Grab DO:		mo	7,		75		.U. g/L		
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								Fecal Start:	1630 T	CF	INIS	DOCU	ımen	I IS Pa	age _		40



Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1902010165

Customer Name : CLINTON, EAST 40.24 LA PB 3

Customer Number: 3004
Report Date: 02/28/19

Sample Date : 02/07/19 Sample Time : 1241

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB3

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

		Laboratory Analysis				Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.1130 mg/kg			SM 1997 4500-NH3 C	0.20	99.6
02/20 1400 PJC	Mercury	< 3.5010 mg/Kg			SW-846 7474 02/07	7.37	95.0
02/22 1500 PJC	Nitrate Nitrogen	1.230 mg/kg			SM 2000 4500-NO3 E	0.19	98.4
02/22 1300 PJC	Phosphorous, Total (as P)	0.6940 mg/kg			EPA 365.3	0.63	98.6
02/13 1700 PJC	Magnesium	33327.32 mg/Kg			SW-846 6020A	0.71	98.9
02/13 1700 PJC	Potassium	45390.98 mg/Kg			SW-846 6020A	8.61	106.9
02/22 1700 PJC	pH Soil	7.30 S.U.			SW846 9045C	1.38	N/A
02/13 1700 PJC	Nickel	861.65 mg/Kg			SW-846 6020A	1.01	100.7
02/13 1700 PJC	Copper	391.79 mg/Kg			SW-846 6020A	4.60	101.5
02/13 1700 PJC	Zinc ,	2542.81 mg/Kg			SW-846 6020A	3.73	101.2
02/22 1600 NTR	Nitogen, Plant Available	1.34 mg/kg			33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	305.35 mg/Kg			SW-846 6020A	1.74	106.0
02/22 1100 PJC	Specific Conductance	13.2000 umhos			EPA (MOD)9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	30.28 mg/Kg			SW-846 6020A	1.21	99.1
02/12 1200 PJC	Solids, % Total	71.409 %			SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	532.92 mg/Kg			SW-846 6020A	0.04	100.6
					j		

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Signature

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1902010166

Customer Name : CLINTON, EAST 40.24 LA PB 30

Customer Number : 3003

Report Date : 02/28/19

Sample Date : 02/07/19

Sample Time : 1252

Sample Type : GRAB SOIL
Sample From : EAST LA 40.24 PB30

Collected By: NTR Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Ana	alysis			Ouality	Assurance
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.4690	mg/kg		SM 1997 4500-NH3 C	0.20	99.6 *
02/20 1400 PJC	Mercury	< 3.6220			SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	2.778	mg/kg		SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	1.2600	mg/kg		EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	96210.25	mg/Kg		SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	123382.24	mg/Kg		SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.30	S.U.		SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	2227.46	mg/Kg		SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	859.09			SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	5526.81	mg/Kg		SW-846 6020A	3.73	101.2 *
02/22 1600 NTR	Nitogen, Plant Available	2.24	mg/kg		33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	908.87	mg/Kg		SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	7.6000	umhos		EPA (MOD)9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	36.08	mg/Kg		SW-846 6020A	1.21	99.1 *
02/12 1200 PJC	Solids, % Total	69.027	%		SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	1298.08	mg/Kg		SW-846 6020A	0.04	100.6 *
					i		

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1902010167

Customer Name : CLINTON, EAST 55.57 LA PB 10

Customer/Permit No.: 511 / AR0048836 001

Report Date : 02/28/19

Sample Date : 02/07/19

Sample Time : 1310

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB10

Collected By: NTR

Delivery By : NTR

Work Order : Purchase Order :

		Laboratory An	alysis				Quality A	Assurance
Analysis						İ	Precision	Accuracy
Date Time By	Parameter	Result		es Quanti	ity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.0960	mg/kg			SM 1997 4500-NH3 C	0.20	99.6 *
02/20 1400 PJC	Mercury	< 3.1880	mg/Kg			SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	0.675	mg/kg			SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	0.4450	mg/kg			EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	21734.67	mg/Kg			SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	23893.74	mg/Kg			SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.30	S.U.			SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	452.05				SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	219.96	mg/Kg			SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	1003.07				SW-846 6020A	3.73	101.2 *
02/22 1600 NTR	Nitogen, Plant Available	0.77	mg/kg			33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	181.60	mg/Kg			SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	4.0000				EPA (MOD) 9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	21.34	mg/Kg			SW-846 6020A	1.21	99.1 *
02/12 1200 PJC	Solids, % Total	78.410	%			SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	296.95	mg/Kg			SW-846 6020A	0.04	100.6 *

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Signature

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1902010168

Customer Name : CLINTON, EAST 55.57 LA PB 3

Customer Number: 3002 Report Date: 02/28/19 Sample Date : 02/07/19 Sample Time : 1318

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB3

Collected By: NTR Delivery By : NTR

Work Order:
Purchase Order:

		Laboratory Ana	lysis				Quality A	Assurance
Analysis							Precision	Accuracy
<u>Date Time By</u>	Parameter	Result		tes Quan	tity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.1940	mg/kg			SM 1997 4500-NH3 C	0.20	99.6 *
02/20 1400 PJC	Mercury	< 3.1640	mg/Kg			SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	1.146	mg/kg			SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	0.7120	mg/kg			EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	22980.57	mg/Kg			SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	23868.67	mg/Kg			SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.10	S.U.			SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	451.74	mg/Kg			SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	183.95				SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	1055.91				SW-846 6020A	3.73	101.2 *
02/22 1600 NTR	Nitogen, Plant Available	1.34	mg/kg			33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	137.05	mg/Kg			SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	4.9000				EPA (MOD) 9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	16.83	mg/Kg			SW-846 6020A	1.21	99.1 *
02/12 1200 PJC	Solids, % Total	79.011	8			SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	273.95	mg/Kg			SW-846 6020A	0.04	100.6 *
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Control Number: 1902010169

Customer Name : CLINTON, EAST 55.57 LA PB 30

Customer Number : 3001 Report Date : 02/28/19 Sample Date : 02/07/19

Sample Time : 1331

Sample Type : GRAB SOIL Sample From : EAST LA 55.57 PB30 Collected By: NTR Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analysis			Quality 1	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Note	es Quantity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	< 0.0030 mg/kg		SM 1997 4500-NH3 C	0.20	99.6 *
02/20 1400 PJC	Mercury	< 3.3090 mg/Kg		SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	< 0.389 mg/kg		SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	0.4270 mg/kg		EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	31937.48 mg/Kg		SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	44490.56 mg/Kg		SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.00 S.U.		SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	461.26 mg/Kg		SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	178.94 mg/Kg		SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	1689.86 mg/Kg		SW-846 6020A	3.73	101.2 *
02/11 1600 NTR	Nitogen, Plant Available	< 0.39 mg/kg		33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	158.14 mg/Kg		SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	3.6000 umhos		EPA (MOD) 9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	12.98 mg/Kg		SW-846 6020A	1.21	99.1 *
	Solids, % Total	75.553 %		SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	411.02 mg/Kg		SW-846 6020A	0.04	100.6 *
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Control Number: 1902010170

Customer Name : CLINTON, EAST LA AIRPORT9

Customer Number: 2959
Report Date: 03/01/19

Sample Date : 02/07/19

Sample Time : 1353
Sample Type : GRAB SOIL

Sample From : EAST LA AIRPORT9

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

		Laboratory Analys	is			Quality 1	Assurance
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.5530 mg/	cg		SM 1997 4500-NH3 C	0.20	99.6 *
02/20 1400 PJC	Mercury	< 3.2920 mg/s	(g		SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	2.199 mg/	cg		SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	1.1720 mg/	rg		EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	21768.76 mg/	(g		SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	31948.29 mg/	(g		SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.30 S.U			SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	517.33 mg/	(g		SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	176.66 mg/			SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	857.00 mg/	(g		SW-846 6020A	3.73	101.2 *
02/22 1600 NTR	Nitogen, Plant Available	2.75 mg/	rg		33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	202.87 mg/	(g		SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	3.1000 umh	os		EPA (MOD)9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	11.35 mg/	(g		SW-846 6020A	1.21	99.1 *
02/12 1200 PJC	Solids, % Total	75.933 %			SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	386.39 mg/	ζg		SW-846 6020A	0.04	100.6 *

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1902010171

Customer Name : CLINTON, EAST LA WD13

Customer Number : 2960 Report Date : 03/01/19 Sample Date : 02/07/19

Sample Time : 1419

Sample Type : GRAB SOIL Sample From : EAST LA WD13

Collected By: NTR

Delivery By : NTR Work Order : Purchase Order :

		Laboratory Ana	alysis		*	Ouality .	Assurance
Analysis					-	Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
02/21 1600 PJC	Ammonia Nitrogen	0.7060	mg/kg		SM 1997 4500-NH3 C	0.20	99.6
02/20 1400 PJC	Mercury	< 3.1440	3, 3		SW-846 7474 02/07	7.37	95.0 *
02/22 1500 PJC	Nitrate Nitrogen	2.741	mg/kg		SM 2000 4500-NO3 E	0.19	98.4 *
02/22 1300 PJC	Phosphorous, Total (as P)	1.5840	mg/kg		EPA 365.3	0.63	98.6 *
02/13 1700 PJC	Magnesium	18737.81	mg/Kg		SW-846 6020A	0.71	98.9 *
02/13 1700 PJC	Potassium	28505.16	mg/Kg		SW-846 6020A	8.61	106.9 *
02/22 1700 PJC	pH Soil	7.20	S.U.		SW846 9045C	1.38	N/A *
02/13 1700 PJC	Nickel	464.33	mg/Kg		SW-846 6020A	1.01	100.7 *
02/13 1700 PJC	Copper	166.31			SW-846 6020A	4.60	101.5 *
02/13 1700 PJC	Zinc	832.65			SW-846 6020A	3.73	101.2 *
02/22 1600 NTR	Nitogen, Plant Available	3.44	mg/kg		33 MSA 2nd Ed		
02/13 1700 PJC	Arsenic	199.58	mg/Kg		SW-846 6020A	1.74	106.0 *
02/22 1100 PJC	Specific Conductance	4.1000	umhos		EPA (MOD)9050A	0.47	100.9 *
02/13 1700 PJC	Cadmium	12.29	mg/Kg		SW-846 6020A	1.21	99.1 *
02/12 1200 PJC	Solids, % Total	79.517			SM 1997 2540 G	3.92	N/A *
02/13 1700 PJC	Lead	293.67	mg/Kg		SW-846 6020A	0.04	100.6 *
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Signature

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565

Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information				Project Information							Rec	ues	ted	Parar	netei	`S	
Client:		Clinton, City of (Ea	st Land Apյ	0)	Permit/Pro	oject #:		54		7 -	Per l							
Address:		P.O. Box 277			Purchase	Order #:							6.	_				
		Clinton, AR 72031			Work Orde	er#						ıts)	s(01	35.N	(NA			
Phone:		501-745-4320			Sampler N	lame(s):		led R	yeisan			omments)	Pho	Cond(35.M)	(33.			
Fax:		Mr. Phil Graham					•		7				1.3),		PAN(33.AN)			
Contact:		501-745-2164			and Signa	ture(s):	in	4) 84	0 /			e C	en(0	, Spec				
ESC Client Nur	mber:	Various	q						5	,		(Se	Nitrate Nitrogen(01.3), Phos(01.9)	pH(23.S),	Ammonia(01.1),			
Sam	ple Iden	tification		Sample	Collection			Sample (Container	S		als	te N	pH(2	mom			
Identificat	tion	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	Metals	Nitra	Soil	Am			
East LA 40.24 PB3	3 (3004)	1902010165	2-7-19	1241	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	Х	Х		H	
East LA 40.24 PB3	30 (3003)	1902010/66	2-7-19	1252	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C	16	1	Х	Х	Х	х			
East LA 55.57 PB1	10 (511)	1902010167	2-7-19	1310	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	Х	Х	х			
East LA 55.57 PB3	3 (3002)	1902010168	2-7-19	1318	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	Х	Х	х			
East LA 55.57 PB3	30 (3001)	1902010169	2-7-19	1331	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	Χ	X	Х	х			
East LA Airport9 (2	2959)	1902010170	2-7-19	1353	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C	;	1	Х	Х	х	Х			
East LA WD13 (29	60)	1902010171	2-7-19	1419	Grab	Soil	Glass	1 Liter	Cool <u><</u> .6° C	;	1	Х	Х	х	х			
Relinquished By: (Signat	ture and Printed	i Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time	- 1	Custo Used'	dy Se	als:		Intact?	_	1
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Relinquished By Signat	ture and Printed	Name)	Date	Time	Received for Lab	By: (Signature and	d Printed Nam	ne)	Date	Time	• 1	Regul Nere		les pro	perly	Special preserve	<u> </u>	Н
Med Kye	m N	ed fuer-	2-17-19	1630	SCOULE	waltin	COD	Field Test	2-7-19 Time	163	-		Yes	X	14	No		Щ
Comments: H	la(01,14), M	n(12.HS), K(19.HS), Ni(2	28.HS), Cu(29	.HS), Zn(30.I	HS)	Analyst:	atu	rieid Test	Time	Analys	1	Resu	IL	Resu	IL	Un	its	-
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Ded (aut 2/8/19@ 0820															- Collection			

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch
1107 Century Avenue
Springdale, AR 72762
(478) 750-1170 Fax (478) 750-119

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010555

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 04/05/19

Sample Date : 03/28/19

Sample Time : 1205

Sample Type : GRAB WATER
Sample From : EAST WELL #13

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		<u>Laboratory Analysis</u>		Quality A	<u>Assurance</u>
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes Q	uantity Method	용 RPD	% Recovery
04/01 0900 DWC	Chloride (as Cl)	16.0 mg/L	SM1997 4500ClC	0.00	96.9 *
03/28 1205 JGK	На	6.6 S.U.	SM 2000 4500-H+B	0.00	N/A *
04/02 1300 PJC	Solids, Total Dissolved	124.0 mg/L	SM1997 2540 C	1.80	N/A *
	Spec. Conductance @ 25 C	313.000 umho/c	SM1997 2510B	0.00	N/A *
03/28 1205 JGK	-	17.40 °C	SM 2000 2550 B	0.58	N/A
04/01 1600 PJC	Nitrate + Nitrite	2.12 mg/L	HACH 10206	2.08	99.4 *
	Well Depth, Total	15.40 Feet		N/A	N/A
	Depth to Water	10.00 Feet		N/A	N/A
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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010556 Sample Date: 03/28/19 Collected By: JGK
Customer Name: CLINTON, EAST GW14 Sample Time: 1230 Delivery By: JGK
Customer/Permit No.: 508 / AR0048836 001 Sample Type: GRAB WATER Work Order:

Customer/Permit No.: 508 / AR0048836 001 Sample Type: GRAB WATER WORK Order:

Report Date: 04/05/19 Sample From: EAST WELL #14 Purchase Order:

		Laboratory Anal	<u>ysis</u>			Quality A	<u>Assurance</u>
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
04/01 0900 DWC	Chloride (as Cl)	12.0 mg	g/L		SM1997 4500ClC	0.00	96.9 *
03/28 1230 JGK	Нд	6.3 S	.U.		SM 2000 4500-H+B	0.00	N/A *
04/02 1300 PJC	Solids, Total Dissolved	28.0 mg	g/L		SM1997 2540 C	1.80	N/A *
03/28 1230 JGK	Spec. Conductance @ 25 C	132.100 u	mho/c		SM1997 2510B	0.00	N/A *
03/28 1230 JGK	Temperature	13.90 °	C		SM 2000 2550 B	0.58	N/A *
04/01 1600 PJC	Nitrate + Nitrite	0.61 mg	g/L		HACH 10206	2.08	99.4 *
03/28 1230 JGK	Well Depth, Total	13.10 F	eet			N/A	N/A
03/28 1230 JGK	Depth to Water	9.00 F	eet			N/A	N/A

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Signature

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010557

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 04/05/19

Sample Date : 03/28/19 Sample Time : 1300

Sample Type : GRAB WATER Sample From : EAST WELL #16 Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysis		Quality P	<u>Assurance</u>
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes Qua	ntity Method	% RPD	% Recovery
	Chloride (as Cl)	4.0 mg/L	SM1997 4500ClC	0.00	96.9 *
03/28 1300 JGK		6.0 S.U.	SM 2000 4500-H+B	0.00	N/A *
	Solids, Total Dissolved	64.0 mg/L	SM1997 2540 C	1.80	N/A *
	Spec. Conductance @ 25 C	70.500 umho/c	SM1997 2510B	0.00	N/A *
03/28 1300 JGK		15.20 °C	SM 2000 2550 B	0.58	N/A *
	Nitrate + Nitrite	1.86 mg/L	HACH 10206	2.08	99.4
	Well Depth, Total	14.00 Feet		N/A	N/A
	Depth to Water	8.80 Feet		N/A	N/A

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1903010558

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 04/05/19

Sample Date : 03/28/19

Sample Time : 1134

Sample Type : GRAB WATER Sample From : EAST WELL #17 Collected By: JGK Delivery By : JGK

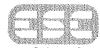
Work Order : Purchase Order :

		Laboratory Analysis		Quality A	<u>Assurance</u>
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes Quantity	Method	% RPD	% Recovery
04/01 0900 DWC	Chloride (as Cl)	4.0 mg/L	SM1997 4500ClC	0.00	96.9 *
03/28 1134 JGK	На	6.5 S.U.	SM 2000 4500-H+B	0.00	N/A *
	Solids, Total Dissolved	76.0 mg/L	SM1997 2540 C	6.45	N/A *
	Spec. Conductance @ 25 C	93.300 umho/c	SM1997 2510B	0.00	N/A *
03/28 1134 JGK		16.30 °C	SM 2000 2550 B	0.58	N/A *
	Nitrate + Nitrite	6.48 mg/L	HACH 10206	2.08	99.4 *
	Well Depth, Total	17.60 Feet		N/A	N/A
	Depth to Water	12.00 Feet		N/A	N/A

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Signature



Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Knownschild and Signature:

Sample Date: 3-28-19

Sample Identification (Customer #)	Laboratory Control Number	Sample Time:	Depth To Water	Total Well Depth		þ	Н		Sp	ecific Co	onducta	nce			erature ees C		CI, TDS (1L Plastic ≤ 6 Deg C)	NO3+N O2 (1 L Plastic H2504)
Clinton Ea	st Wells				#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	19030/0555	1205	10004	15′ 4″	6-6	6.6	1/2.6	1705	313	314	313	1205	19.4	19.3	1		x	х
#14 (508)	1903010550	1230	904	13′ 1″	l .	1.	1	l	1	1	i	1230		1	1	1	X	X
#16 (509)	1903010557		8'8"	14′ 0″			1	li .	H	1	1		3	ŧ	1			X
#17 (649)	1903010558	1134	1204	17′ 6″								1137						X
		77.0			<i>V</i>	0, 5	0.0		13.3	13.6	12.7	(1)	10. 9	10.1	16.3	1001		Х
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		w																
Relinquished	by Le 15 Kros	ernsily, Y	Time:	1530	R	eceive	d By La	b: 6	z-y	25Ab	Tier	o, Fortl	Date	 ::	8-19	Tir	ne: <i>ろう</i>	0

Comments:/

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1906010426

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 07/09/19

Sample Date : 06/27/19

Sample Time : 1045

Sample Type : GRAB WWATER Sample From : WELL #13

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		<u>Assurance</u>					
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
06/28 0800 DWC	Chloride (as Cl)	20.0	mg/L		SM1997 4500ClC	0.00	98.5 *
06/27 1045 JGK	На	6.3	S.U.		SM 2011 4500-H+B	0.00	N/A *
07/02 0900 PJC	Solids, Total Dissolved	40.0	mg/L		SM1997 2540 C	4.44	N/A *
	Spec. Conductance @ 25 C	210.000	umho/c		SM1997 2510B	0.00	N/A
06/27 1045 JGK		24.50	°C		SM 2000 2550 B	0.00	N/A
	Nitrate + Nitrite	0.90	mg/L		HACH 10206	3.24	98.9 *
	Well Depth, Total	15.40	Feet			N/A	N/A
,	Depth to Water	8.20	Feet			N/A	N/A

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Control Number: 1906010427 Sample Date: 06/27/19 Collected By: JGK
Customer Name: CLINTON, EAST GW14 Sample Time: 1110 Delivery By: JGK
Customer/Permit No.: 508 / AR0048836 001 Sample Type: GRAB WATER
Report Date: 07/09/19 Sample From: WELL #14 Purchase Order:

	Quality A	<u>Assurance</u>					
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	<u>Notes</u>	Quantity	<u> Method</u>	% RPD	% Recovery
06/28 0800 DWC	Chloride (as Cl)	< 0.1 mg/L			SM1997 4500ClC	0.00	98.5 *
06/27 1110 JGK	рН	6.4 S.U.			SM 2011 4500-H+B	0.00	N/A *
07/02 0900 PJC	Solids, Total Dissolved	24.0 mg/L			SM1997 2540 C	4.44	N/A *
06/27 1110 JGK	Spec. Conductance @ 25 C	132.700 umho/	′c		SM1997 2510B	0.00	N/A *
06/27 1110 JGK	Temperature	33.40 °C			SM 2000 2550 B	0.00	N/A *
07/05 1030 PJC	Nitrate + Nitrite	0.43 mg/L			HACH 10206	3.24	98.9 *
06/27 1110 JGK	Well Depth, Total	13.10 Feet				N/A	N/A
06/27 1110 JGK	Depth to Water	9.10 Feet				N/A	N/A

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1906010428

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 06/28/19

Sample Date : 06/27/19

Sample Time :

Sample Type : DRY WELL Sample From : WELL #16

Collected By: Delivery By: Work Order:

Purchase Order :

	Ī	Laboratory Analys	is			Quality 1	Assurance
Analysis Date Time By 06/27 1130 JGK	Parameter Dry Well	Result 0.00	Notes _	Quantity	Method	Precision % RPD	Accuracy Recovery
00, = / = 200	227 11022	0.00				N/A	N/A

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Control Number: 1906010429

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 07/09/19

Sample Date : 06/27/19

Sample Time : 1005

Sample Type : GRAB WATER Sample From : WELL #17

Collected By: JGK Delivery By: JGK

Work Order: Purchase Order:

	Quality A	ssurance					
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
06/28 0800 DWC	Chloride (as Cl)	< 0.1 mg/L			SM1997 4500ClC	0.00	98.5 *
06/27 1005 JGK	рН	5.8 S.U.			SM 2011 4500-H+B	0.00	N/A *
07/02 0900 PJC	Solids, Total Dissolved	64.0 mg/L			SM1997 2540 C	4.44	N/A *
06/27 1005 JGK	Spec. Conductance @ 25 C	105.100 umho/c	:		SM1997 2510B	0.00	N/A *
06/27 1005 JGK	Temperature	18.40 °C			SM 2000 2550 B	0.00	N/A *
07/05 1030 PJC	Nitrate + Nitrite	6.78 mg/L			HACH 10206	3.24	98.9 *
06/27 1005 JGK	Well Depth, Total	17.60 Feet				N/A	N/A
06/27 1005 JGK	Depth to Water	11.60 Feet				N/A	N/A

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Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

and Signature: Coeraschy

Sample Date: 47-19

Sample Identification (Customer #)	Laboratory Control Number	Sample Time:	Depth To Water	Total Well Depth		p	Н		Sp	ecific Co	onducta	nce		Tempe Degr	erature ees C		Cl, TDS (1L Plastic ≤ 6 Deg C)	NO3+N 02 (1 L Plastic H2SO4)
Clinton Ea	ast Wells				#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	19060/0426	1045	8'2"	15′ 4″	6.3	6.3	6.3	1045	210	210	210	104 5	245	245	24.5	1045	x	x
#14 (508)	1906010427	ilio	9'10"	13′ 1″	6.4	6.4				132,7	132.7			İ	1	1	х	х
#16 (509)	1906010428			14′ 0″	4	ł	DCY	18	H	eil	1		<u> </u>	-	7	130	х	х
#17 (649)	Ma0010479		11/6"	17′ 6″	5.8	i	1				(05.1		18.4	18.4	18.4	T		х
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	***************************************															·		
																		Andrews
Relinquished	by: / - 16 (J	Mooran	上山川Time:	1515	R	leceive	d By La	ıb:			***************************************		Date	: 612	7/19	Ti	ne:	

Comments:

HC.

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1907010249

Customer Name : CLINTON, EAST GW13

Sample Date : 07/29/19 Sample Time : 1122

Collected By: TMO

Customer/Permit No. : 507 / AR0048836 001

Delivery By : TMO

Report Date : 08/09/19

Sample Type : GRAB WATER

Work Order :

Sample From : WELL #13

Purchase Order :

		Laboratory Analysis		Quality 2	Assurance
Analysis				Precision	Accuracy
<u>Date Time By</u>	<u> Parameter</u>	Result Notes Quantity	Method	% RPD	% Recovery
•	Chloride (as Cl)	9.0 mg/L	SM1997 4500ClC	0.00	99.9 *
07/29 1125 TMO	рН	6.8 S.U.	SM 2011 4500-H+B	0.00	N/A *
•	Solids, Total Dissolved	196.0 mg/L	SM1997 2540 C	1.06	N/A *
	Spec. Conductance @ 25 C	275.000 umho/c	SM1997 2510B	0.00	N/A *
07/31 1530 PJC	Nitrate + Nitrite	6.12 mg/L	HACH 10206	0.51	98.8 *
07/29 1122 TMO	Well Depth, Total	15.40 Feet		N/A	N/A
07/29 1122 TMO	Depth to Water	10.20 Feet		N/A	N/A

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Signature

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170

Fax: 479-750-1172

Client Information					Project Information							Ī	Rec	ues	ted	Para	ame	ters	3
Company Nan	ne:	Clinton, East GW1	13		Permit/Pr	oject #:		AR0048	836								П		
Address:	·	P.O. Box 277			Purchase	Order #:				* *******									
-		Clinton, AR 72031			Work Ord	er#													
Telephone:		501-745-4320			Sampler I	Name(s):	Timothe O'Nea												
Contact:		Mr. Phil Graham				,		7.7	3,0	<u></u>		(2)							
FAX:		501-745-2164			and Signa	iture(s):	140	molle	5-17:61	/-		Chloride(7.)							
ESC Client Nu	ımber:	507				. ()		THE CLE	2/10-0				3(91						i
San	nple Iden	ntification		Sample	Collection		1	Sample	Containers			S(27.),	+NO3(91.)						
		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	T	-	#	TDS	NO2						
Well #1	3	1907010249	7-9-19	1122	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	X					\dashv	\dashv	
	1	(1	1	Grab	Water	Plastic	1 Liter	H2SO4		1	F	х				\dashv	\dashv	
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Relinquished By: (Signa	ture and Printed	i Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time		Used [*] Turna	? iround:	M		Intact	?		
Relinquished By: (Signa	ture and Printed	Name)	Date -	Time	Passived for Lab	By (Signature and	J D 1 A			•		Regul		Ź		Speci			
Cool all samples to	hal)	imothy o'Ncal	7-29-19	1425	Dua (int Van	A (å	Tlout	7-29-19	Time 142	25		sampi Yes	es pro	perly		ved: lo		
Comments:	≤ o degrees	C With Ice.			(Flow Da		Field Test		Analys		Resu		Resul			Jnits		
						Analyst: Time:		pH: Sp Cond:	1125	TM	2	6:1		<u>(4)</u>	<u> </u>		U		
						Reading:			-{	1 44	1	2 (21.5	<u>x 7.5</u>	+		***************************************		
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H20 Depth - 99.		i0.2				Chlorinated?	ΥN	Fecal Start:			+	This	Docu	ımer	it is f	^D age	_1 0		



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1107 Century Avenue
Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1907010250

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 08/09/19

Sample Date : 07/29/19

Sample Time : 1132

Sample Type : GRAB WATER Sample From : WELL #14

Collected By: TMO Delivery By: TMO

Work Order : Purchase Order :

		Laboratory Ana	Quality Assurance				
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
07/29 1500 DWC	Chloride (as Cl)	13.0	mg/L		SM1997 4500ClC	0.00	99.9 *
07/29 1136 TMO	рН	7.3	S.U.		SM 2011 4500-H+B	0.00	N/A *
07/30 0900 PJC	Solids, Total Dissolved	188.0	mg/L		SM1997 2540 C	1.06	N/A *
07/29 1136 TMO	Spec. Conductance @ 25 C	281.000	umho/c		SM1997 2510B	0.00	N/A *
07/31 1530 PJC	Nitrate + Nitrite	6.56	mg/L		HACH 10206	0.51	98.8 *
07/29 1132 TMO	Well Depth, Total	13.10	Feet			N/A	N/A
07/29 1132 TMO	Depth to Water	8.70	Feet			N/A	N/A

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Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 F

Fax: 501-221-1341



Environmental Services Company, Inc.
Northwest Branch
1107 Century
Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters							
Company Name:	Clinton, East GW14			Permit/Project #: AF			AR0048	\R0048836										
Address: P.O. Box 277				Purchase Order #:							1							
Clinton, AR 72031				Work Order #							1			į				
Telephone: 501-745-4320				Sampler I		Tim	Timothy O'Ney				1							
Contact: P.O. Box 277				1	(-).	THE PROPERTY OF THE PARTY OF TH				3								
FAX: 501-745-2164				and Signature(s):		The At No.				Chloride(7.)								
ESC Client Number: 508				and orginatoro(9).		1000 10W					3(91.							
Sample Identification			Sample Collection			Sample			Containers			+NO3(91.)				İ		
	ESC Control #	Date	Date Time		Type Matrix		Type Volume				TDS(27.),	N02 +						
Well # 14	1907010250	7-29-19	1132	Proposition de la constantina del constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina de la constantina d	Water	Plastic	1 Liter	≤ 6 Deg C	alive	***************************************	X	Z						
	1 1010030	1	1	Grab	Water	†	†			1	┝	┼┬┤				-	┢	
		V	,	Giab	vvaler	Plastic	1 Liter	H2SO4		1	\vdash	X				 		
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Relinquished By: (Signature and Pri	nted Name)	Date	Time	Received By: (S	gnature and Printe	d Name)		Date			Cust							<i>Vergen</i> a
						ŕ		Date	Time		Custody Seals: Used?					act?		
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ReInquished By, (Signature and Printed Name) WMTO VILL Time 1435			Received for Lab By Signature and Printed Names Date 7-29/				Date	Time	e	Regu Were		Special Specia						
Cool all samples to \$6 degrees C with ice.						7-29-19	142	35		Yes	$\overline{\mathbf{V}}$	7 No						
Comments:/							pH:	Time 1130	Commence of the last of the la		-	esult Resu			Units			
					Time:		Sp Cond:	1136	TM2		78		フバ 28	3 5U				
					Reading:													
Total Depth-99.10:					Units:									二				
H20 Depth - 99.9:	13:1				014-1-1-10					_		I	************	\Box	-	-		
H20 Depth - 99.9:					Chlorinated?	Fecal Start:			This Document is Page _(_ 1									



ections

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1907010251

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 08/09/19

Sample Date : 07/29/19

Sample Time : 1100

Sample Type : GRAB WATER Sample From : WELL #16

Collected By: TMO Delivery By: TMO

Work Order : Purchase Order :

		Laboratory Analys	sis			Quality A	ssurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
	Chloride (as Cl)	14.0 mg/	'L		SM1997 4500ClC	0.00	99.9 *
•	рН	6.7 S.T	J.		SM 2011 4500-H+B	0.00	N/A *
07/30 0900 PJC	Solids, Total Dissolved	176.0 mg/	'L		SM1997 2540 C	1.06	N/A *
07/29 1104 TMO	Spec. Conductance @ 25 C	90.100 umh	10/c		SM1997 2510B	0.00	N/A *
07/31 1530 PJC	Nitrate + Nitrite	2.27 mg/	'L		HACH 10206	0.51	98.8 *
07/29 1100 TMO	Well Depth, Total	17.70 Fee	:t			N/A	N/A
07/29 1100 TMO	Depth to Water	12.30 Fee	t			N/A	N/A

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

13715 West Markham Little Rock, AR 72211

Phone: 501-221-2565

ESC Client Number:

Well #16

Relinquished By: (Signature and Printed Name)

Relinquished By: (Signature and Printed Name)

elinquished By: (Signature and Printed Name)

Cool all samples to ≤ 6 degrees C with/ice.

Johnsoff Ylend Timothy O'Nea

Company Name:

Address:

Telephone:

Contact:

FAX:

P.O. Box 55146

Little Rock, AR 72215

website: www.esclabs.com

Sample Identification

Fax: 501-221-1341 Client Information

P.O. Box 277

501-745-4320

501-745-2164

Clinton, East GW16

Clinton, AR 72031

Mr. Todd Burgess

509

ESC Control #

1907010251

Date

7-29-19

Date

Date

Time

Time

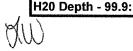
1100



Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172 Project Information Requested Parameters Permit/Project #: AR0048836 Purchase Order #: Work Order # Timothy O'Nen Sampler Name(s): Chloride(7.) and Signature(s): NO2 +NO3(91.) TDS(27.), Sample Collection Sample Containers Volume Preservative # Type Matrix Type Grab ≤ 6 Deg C X Water Plastic 1 Liter Grab Χ Water Plastic 1 Liter H2SO4 Received By: (Signature and Printed Name) Custody Seals: Used? Intact? Received By: (Signature and Printed Name) Turnaround: Regular Special Received for Lab By Signature and Printed Name) Date Were samples properly preserved: A Carut Da 7-28-No Flow Data Field Test Time Analyst Result Result Units Analyst: HOH 5 U TMU Time: Sp Cond: न व्य Tims 9011 90. Reading: Units:



Comménts:

Chlorinated? Y N

Fecal Start:

Total Depth-99.10:

This Document is Page 1 of

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch
1107 Century Avenue
Springdale, AR 72762

Fax (501)221-1341 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1907010252

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 08/09/19

Sample Date : 07/29/19

Sample Time : 1040

Sample Type : GRAB WATER Sample From : WELL #17

Collected By: TMO
Delivery By: TMO

Work Order : Purchase Order :

	Quality A	Assurance			
Analysis				Precision	Accuracy
<u>Date Time By</u>	<u> Parameter</u>	Result Notes Qu	antity Method	% RPD	<pre>% Recovery</pre>
07/29 1500 DWC	Chloride (as Cl)	3.0 mg/L	SM1997 4500ClC	0.00	99.9 *
07/29 1044 TMO	рН	5.9 S.U.	SM 2011 4500-H+B	0.00	N/A *
07/30 0900 PJC	Solids, Total Dissolved	216.0 mg/L	SM1997 2540 C	1.06	N/A *
07/29 1044 TMO	Spec. Conductance @ 25 C	86.900 umho/c	SM1997 2510B	0.00	N/A *
07/31 1530 PJC	Nitrate + Nitrite	5.44 mg/L	HACH 10206	0.51	98.8 *
07/29 1040 TMO	Well Depth, Total	17.60 Feet		N/A	N/A
07/29 1040 TMO	Depth to Water	11.60 Feet		N/A	N/A

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

13715 West Markham Little Rock, AR 72211 P.O. Box 55146

1 Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Environmental Services Company, Inc.
Northwest Branch
1107 Century
Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170

Fax: 479-750-1172

Client Information	The state of the s													
Client Information			Project Information						Re	ques	ted I	⊃aram	eters	
Clinton, East GW	17		Permit/Pro	oject #:		AR00487	747							
P.O. Box 277			Purchase	Order #:										
Clinton, AR 72031			Work Ord	er#			/	A						
501-745-4320			Sampler N	lame(s):	Time	Sthr. C	J'Neal							
Mr. Todd Burgess						y	10							
501-745-2164			and Signa	ture(s):	Tu	molf C	54/10							
649						7								
entification		Sample	Collection			Sample (Container	S	5	- X				
ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	# 6					
1907010252	7-29-19	1040	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	х				
\	(\	Grab	Water	Plastic	1 Liter	H2SO4		1	Х				
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ited Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time		•	************		Intact?	m
ited Name)	Date	Time	Received By: (Si	gnature and Printe	ed Name)		Date	Time	Т	urnarour	id:	ļ		<u></u> _
ited Name) _ i /	Date #	. Time.	Received for Lab	By:-4Signature an	d Printed Nam	el .	Date	Time			pleš pr			
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				Analyst: Time:		pH: Sp Cond:		The	<u>၁၂ နို</u>	62.9			5 M	
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11,0		· · · · · · · · · · · · · · · · · · ·		Chlorinated?	ΥN	Fecal Start:		 	 	his Do	cume	nt is F	Page 1	1
	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 entification ESC Control # IPOTOIOUS2	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 entification ESC Control # Date 1907010752 7-29-19 (P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 Intification ESC Control # Date Time IPOTO10252 7 - 29-19 / O# 5 Ited Name) Date Time Time	P.O. Box 277 Clinton, AR 72031 Sont-745-4320 Mr. Todd Burgess 501-745-2164 649 entification ESC Control # Date Time Type Proposition Intel Name Intel Name Date Time Received By: (Single Name) Intel Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Ital Name Date Time Received By: (Single Name) Date Date Date Date Date Date Date Date	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 Intification ESC Control # Date Time Type Matrix IPOTO 10052 7 - 29-19 / 04 0 Grab Water Grab Water (Grab Water Grab Water Intel Name) Date Time Received By. (Signature and Printel World Name) Date Time Received By. (Signature and Printel World Name) Date Time Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Received By. (Signature and Printel Printel By. Signature and Printel By. Signature	P.O. Box 277 Clinton, AR 72031 Sol-745-4320 Mr. Todd Burgess 501-745-2164 649 Intification ESC Control # Date Time Type Matrix Type IPO 10 10 252 7 - 29-19 / 04 0 Grab Water Plastic Grab Water Plastic Grab Water Plastic Grab Water Plastic Time Received By: (Signature and Printed Name) Ited Name) Date Time Received By: (Signature and Printed Name) Ited Name) Date Time Received By: (Signature and Printed Name) Importance of the base (Signature and Printed Name) Time Received By: (Signature and Printed Name) Time Received By: (Signature and Printed Name) Importance of the base (Signature and Printed Name) Time Received By: (Signature and Printed Name) Importance of the base (Signature and Printed Name) Time Received By: (Signature and Printed Name) Importance of the base (Signature and Printed N	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 entification Sample Collection ESC Control # Date Time Type Matrix Type Volume 1907010262 7 - 29-19	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 entification Sample Collection ESC Control # Date Time Type Matrix Type Volume Preserva [POTO 10 10 12 7 29-19 / 04 0 Grab Water Plastic 1 Liter H2SO4 Ited Name) Date Time Received By. (Signature and Printed Name)	P.O. Box 277 Clinton, AR 72031 501-745-4320 Mr. Todd Burgess 501-745-2164 649 Intification Sample Collection Sample Containers ESC Control # Date Time Type Matrix Type Volume Preservative [1407010752 7-29-19 / 040 Grab Water Plastic 1 Liter + H2S04 Grab Water Plastic 1 Liter + H2S04 Interval Mame) Interval Mame Plastic 1 Liter + H2S04 Time Received By: (Signature and Printed Name) Date Time Received By: (Signature and Printed Name)	P.O. Box 277 Clinton, AR 72031 Sol1-745-4320 Mr. Todd Burgess 501-745-2164 649 Intification Sample Collection Sample Containers ESC Control # Date Time Type Matrix Type Volume Preservative # Floro Tol 10/25/2 7 - 29-19 / 04-0 Grab Water Plastic 1 Liter #2504 1 Grab Water Plastic 1 Liter	P.O. Box 277 Clinton, AR 72031 Work Order # Sampler Name(s): Mr. Todd Burgess 501-745-2164 649 Intification Sample Collection Sample Containers ESC Control # Date Time Type Matrix Type Volume Preservative # 1900-1010252 7 29-19 1040 Grab Water Plastic 1 Liter #2504 1 X Grab Water Plastic 1 Liter #2504 1 X Grab Water Plastic 1 Liter #2504 1 X Grab Water Plastic 1 Liter #2504 1 X Interval Plastic 1 Liter #2504 1 Date Time Received By (Signature and Printed Name) Ited Name) Date Time Received By (Signature and Printed Name) Date Time Received By (Signature and Printed Name) Date Time Received By (Signature and Printed Name) Date Time Water Plastic 1 Liter #2504 1 Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Time Type Water Plastic 1 Liter #2504 1 Date Type Type Plastic 1 Date Type Type Plastic 1 Date Type Type Plastic 1 Date Type Type Plastic 1 Date Type Type Plastic 1 Date Type Type Plastic 1 Date Typ	P.O. Box 277 Clinton, AR 72031 Sampler Name(s): Mr. Todd Burgess 501-745-2164 649 Intification Sample Collection Sample Containers ESC Control # Date Time Type Matrix Type Volume Preservative # Plastic 1 Liter #2504 1 X (Grab Water Pla	P.O. Box 277 Clinton, AR 72031 Sampler Name(s): Mr. Todd Burgess 501-745-2164 649 Sample Collection Sample Containers ESC Control # Date Time Type Matrix Type Volume Preservative # P Plastic 1 Liter H2SO4 1 X X Grab Water Plastic 1 Liter H2SO4 1 X X Grab Water Plastic 1 Liter H2SO4 1 X X Grab Water Plastic 1 Liter H2SO4 1 X X Image: Analyst Type Date Time Received By (Signature and Printed Name) Date Time Received By (Signature and Printed Name) Flow Data Time Analyst Type Date Time Result Result Result Time Sp Contic Time Result Time Sp Contic Time Result Time Sp Contic Time Result Result Result Time Sp Contic Time Result Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Result Time Sp Contic Time Result Time Result Time Result Time Result Time Sp Contic Time Result Time Result Time Result Time Result Time Sp Contic Time Result Time Re	P.O. Box 277 Clinton, AR 72031 Work Order # Sampler Name(s): Mr. Todd Burgess 501-745-2164 649 and Signature(s): ESC Control # Date Time Type Matrix Type Volume Preservative # £ 2 2 Interval C V V V V V V V V V V V V V V V V V V



Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1910010351

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 11/01/19

Sample Date : 10/24/19

Sample Time : 1321

Sample Type : GRAB WATER Sample From : WELL #13

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

	Quality A	Assurance				
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes	<u>Quantity</u>	Method	% RPD	% Recovery
	Chloride (as Cl)	$20.0~{ m mg/L}$		SM1997 4500ClC	0.00	100.0 *
10/24 1324 NTR	*	6.7 S.U.		SM 2011 4500-H+B	0.00	N/A
•	Solids, Total Dissolved	$204.0~{ m mg/L}$		SM1997 2540 C	1.98	N/A
	Spec. Conductance @ 25 C	300.000 umho/c		SM1997 2510B	0.33	N/A
10/30 1230 PJC	Nitrate + Nitrite	0.53 mg/L		HACH 10206	0.35	98.0 *
	Well Depth, Total	15.40 Feet			N/A	N/A
10/24 1321 NTR	Depth to Water	10.10 Feet			N/A	N/A
					İ	

 * QA data shown is from a different sample or standard on the same date.

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Signature

13715 West Markham

P.O. Box 55146

Fax: 501-221-1341

Little Rock, AR 72211

Phone: 501-221-2565

Little Rock, AR 72215

website: www.esclabs.com

Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170

Fax: 479-750-1172

		Project Information						***************************************		Req	ues	ted	Par	ame	eter	 S		
Company Name:	Clinton, East GW1	3		Permit/Pro	oject #:		AR0048	836			İ							Γ
Address:	P.O. Box 277			Purchase	Order #:	***************************************			***************************************									
	Clinton, AR 72031			Work Ord	ier#													
Telephone:	501-745-4320			Sampler N	Name(s):	1	Ned 1	Ryenso	<u> </u>									
Contact:	Mr. Phil Graham		***************************************	1		I		7			(2)							
FAX:	501-745-2164			and Signa	ature(s):		Mrs.	Pugar			Chloride(7.)	_						
ESC Client Number:					(0).		-, 000	wy.				3(91						
Sample Id	dentification		Sample	Collection	***************************************	T	Sample	Container	s		(27.)	+NO3(91.)						
	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	T		#	TDS(27.),	NO2	.					
Well #13	1910010351	10-24-19		Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	X							_
<u> </u>	1	1	1381	Grab	Water	Plastic	1 Liter	H2SO4		1	^	Х						
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Relinquished By: (Signature and I	Printed Name)	Date	Time	Received By: (S	ignature and Printe	ed Name)		Date	Time	е	Custo	dy Sea	als:					
Relinguished By: (Signature and F	Printed Name)	Date	Time	Danahad Day (6	ignature and Printe		· · · · · · · · · · · · · · · · · · ·				Used?		N.	****	Intac	t?		Ĺ
Neinquished by. (dignature and)	Timed Hamey	Date	Inite			•		Date	Time	- 1	i urna Regul	around: lar	又		Spec	ial	_	
	Ned Ryen-	Date (6')419	174S	Received for Lab	By Signature an	d Printed Nan	ne) A	(U ~) 4-16	174	6		sample Yes		perly	preser		_	
Cool all samples to ≤ 6 deg	rees C with ice.			flow Data Field Test Time Analyst						Resu	ılt F	Resul			Units			
Comments:				Analyst: pH: 1324 N/4 Time: Sp Cond: 1324 N/7							27	6.		Ş				
		**************************************		Reading: Sp Cond: 1324 Nr				36	300	2	29	7	un	vs C	<u> </u>			
				Units:								二		二				
Total Depth-99.10:	15' 4"													\Box				
H20 Depth - 99.9:	10' /"			Chlorinated? Y N Fecal Start:					This	Docu	umer	ıt is l	Page	1	¥			

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch
1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1910010352 Sample Date : 10/24/19 Collected By: NTR
Customer Name : CLINTON, EAST GW14 Sample Time : 1356 Delivery By : NTR
Customer/Permit No. : 508 / AR0048836 001 Sample Type : GRAB WATER Work Order :
Report Date : 11/01/19 Sample From : WELL #14 Purchase Order :

	Quality Assurance						
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
10/25 1000 DWC	Chloride (as Cl)	20.0	mg/L		SM1997 4500ClC	0.00	100.0 *
10/24 1358 NTR	рН	6.8	S.U.		SM 2011 4500-H+B	0.00	N/A *
10/25 1545 PJC	Solids, Total Dissolved	120.0	mg/L		SM1997 2540 C	1.98	N/A *
10/24 1358 NTR	Spec. Conductance @ 25 C	198.000	umho/c		SM1997 2510B	0.33	N/A *
10/30 1230 PJC	Nitrate + Nitrite	0.31	mg/L		HACH 10206	0.35	98.0 *
10/24 1356 NTR	Well Depth, Total	13.10	Feet			N/A	N/A
10/24 1356 NTR	Depth to Water	8.90	Feet			N/A	N/A

 $\mbox{*}$ QA data shown is from a different sample or standard on the same date.

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Signature

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone: 501-221-2565	Fax: 501-221-1341		CF	<u>IAIN (</u>	OF CU	STO	DY	F	Phone	479-	750)-117	0	Fax	479-	750-1	1172	
	Client Information				Pr	oject Inf	ormation)				Rec	quest	ed	Para	met	ers	-
Company Na <u>me:</u>	Clinton, East GW1	4		Permit/Pr	oject #:		AR00488	336										
Address:	P.O. Box 277			Purchase	Order #:													
	Clinton, AR 72031			Work Ord	ler#													
Telephone:	501-745-4320			Sampler I	Name(s):	٨	ed Ry	es són								İ		
Contact:	Mr. Todd Burgess			1			7		******		9(7.)							
FAX:	501-745-2164			and Signa	ature(s):		hed G	2-9	Maria-		Chloride(7.)	·						
ESC Client Number:	508]				Y			_	3(91						
Sample Ide	entification		Sample	Collection	Collection		Sample Co		s		TDS(27.)	NO2 +NO3(91.)						
·	ESC Control #	Date	Time	Type	Matrix	Туре	Volume	Preserva	ative	#	TDS	NO2						
Well # 14	1910010352	10-2479	1356	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	Х							-
	<u> </u>	1	4_	Grab	Water	Plastic	1 Liter	H2SO4		1		Х				T		
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Cool all samples do ≤ 6 degree	es C with/jice.			//	Flow D	ata	Field Test	Time	Analys		Resu		Result			nits		
Comments:			······		Analyst: Time:		pH: Sp Cond:	1358	Δj	%	6.2	8	6.9	2	<u> </u>			
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Total Depth-99.10:	13'1"																	
H20 Depth - 99.9:	9:6"			Chlorinated? Y N Fecal Start:					Γhis	Doc	ument	t is	Page	1	1			



Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1910010353 Sample Date : 10/24/19 Collected By: NTR Customer Name : CLINTON, EAST GW16 Sample Time : 1424 Delivery By : NTR Customer/Permit No. : 509 / AR0048836 001 Sample Type : GRAB WATER Work Order :

Report Date: 11/01/19

Sample From: WELL #16

Purchase Order:

						1	
	Quality A	Assurance					
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	<u> Method</u>	% RPD	% Recovery
10/25 1000 DWC	Chloride (as Cl)	20.0	mg/L		SM1997 4500ClC	0.00	100.0 *
10/24 1430 NTR	рН	6.0	S.U.		SM 2011 4500-H+B	0.00	N/A *
10/25 1545 PJC	Solids, Total Dissolved	136.0	mg/L		SM1997 2540 C	1.98	N/A *
10/24 1430 NTR	Spec. Conductance @ 25 C	83.800	umho/c		SM1997 2510B	0.33	N/A *
10/30 1230 PJC	Nitrate + Nitrite	2.82	mg/L		HACH 10206	0.35	98.0 *
10/24 1424 NTR	Well Depth, Total	14.00	Feet			N/A	N/A
10/24 1424 NTR	Depth to Water	8.70	Feet			N/A	N/A
						i '	,

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc.

NV

13715 West Markham Little Rock, AR 72211

Phone: 501-221-2565

P.O. Box 55146

Fax: 501-221-1341

Little Rock, AR 72215

website: www.esclabs.com

Environmental Services Company, Inc.
Northwest Branch
1107 Century
Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

	Client Information					oject In	formation					Req					ters	dec
Company Name:	Clinton, East GW1	16		Permit/Pr			AR0048			*******								
Address:	P.O. Box 277			Purchase	-	***************************************												
	Clinton, AR 72031			Work Ord		***************************************			************									
Telephone:	501-745-4320			Sampler I			ed R	1800-0										
Contact:	Mr. Todd Burgess		····				- 10	yerson			(-)							
FAX:	501-745-2164			and Signa	iture(s):		10.05	2			Chloride(7.)	_						
ESC Client Numbe							· · ·	~~				3(91.						
Sample	Identification		Sample	Collection		1	Sample	Container	۹		27.)	Š						
	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	7		#	TDS(27.),	NO2 +NO3(91.)						
Well #16	1910017353	10-24-19	1424	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	X	1	\dashv			十		
1	<u>l</u>		1	Grab	Water	Plastic	1 Liter	H2SO4		1	Ĥ	X	$\neg \uparrow$			\dashv		
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Relinquished By Signature and	Printed Name	Date 10-34-19	1745	Received for Lab	By: (Stgnature an	d Printed Nan	(A)	Date [U -]1/19	17 ^{Tim}	3		sample Yes	es pro	perly		ved: No		_
Cool all samples to ≤ 6 de	egrees C with ice.			//	Flow D		Field Test	Time	Analys		Resu		Result			Units	L	
Comments:					1430	NO		(_o	٥.	6.0	>		u		-			
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					Units:					\dashv		\dashv		\dashv				
Total Depth-99.10:	14.0.		****							\dashv		\dashv		\dashv				
H20 Depth - 99.9:	8:74			Chlorinated? Y N Fecal Start:						This	Docu	ımen	t is l	Page	<u>l</u> 0	f(-	



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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1910010354

Sample Date : 10/24/19

Collected By: NTR

Customer Name : CLINTON, EAST GW17

Sample Time : 1246

Delivery By : NTR

Customer/Permit No. : 649 / AR0048747 001

Sample Type : GRAB WATER

Work Order :

Report Date : 11/01/19

Sample From : WELL #17

Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes Quantity	<u> </u>	% RPD	% Recovery
	Chloride (as Cl)	< 0.1 mg/L	SM1997 4500ClC	0.00	100.0 *
10/24 1248 NTR		6.6 S.U.	SM 2011 4500-H+B	0.00	N/A *
	Solids, Total Dissolved	80.0 mg/L	SM1997 2540 C	1.98	N/A *
	Spec. Conductance @ 25 C	92.900 umho/c	SM1997 2510B	0.33	N/A *
	Nitrate + Nitrite	6.32 mg/L	HACH 10206	0.35	98.0 *
	Well Depth, Total	17.60 Feet		N/A	N/A
	Depth to Water	12.10 Feet		N/A	N/A

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Signature

^{*} QA data shown is from a different sample or standard on the same date.

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website: www.esclabs.com

Environmental Services Company, Inc. Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

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Client Information				Project Information								Req	ues	ted	Para	ame	ters	,
Company Name:	Clinton, East GW	17		Permit/Pro	oject #:		AR00487	747										
Address:	P.O. Box 277			Purchase	Order #:													
	Clinton, AR 72031			Work Ord	er#											-		
Telephone:	501-745-4320			Sampler N	Name(s):		Ved R	verson										
Contact:	Mr. Todd Burgess			1					***************************************		9(7.)							
FAX:	501-745-2164			and Signa	iture(s):	***************************************	Ness	Pag-			Chloride(7.)	<u> </u>						
ESC Client Number:	649			1				8				3(91						
	lentification		Sample	Collection		1	Sample (Container	s		S(27.),	+NO3(91.)						
	ESC Control #	Date	Time	Type	Matrix	Туре	Volume	Preserva		#	TDS	NO2						
Vell # 17	1910010354	10-24-19	1246	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	Х							
			I	Grab	Water	Plastic	1 Liter	H2SO4		1		Х						
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Relinguished By Signature and Pr	rinted Name	Date 10-24-09	Time	Received for Lab	By: (Signature ar	d Printed Nam	ne)	U ユ 449	17H	3	Were	sampl Yes	les pro	perly		rved: No	_	
Cool all samples to \$6 degr		110 74 01		1//	Flow D		Field Test	Time	Analys		Resu		Resu	lt		Units		
Comments:				U	Analyst:		pH:	1248	NM		6.		6.	6		ia.		
					Time:		Sp Cond:	1248	AL.	2	92	.9	93	0,0	يناد	host	CM	
					Reading: Units:		<u> </u>											
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Sample Date : 09/24/20

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2009010455

Customer Name : CLINTON, EAST IW

Sample Time : 1328

Collected By: NTR Delivery By : NTR

Customer/Permit No. : 619 / AR0048836 001

Report Date : 10/02/20

Sample Type : GRAB WWATER Sample From : IRRIGTION WATER

Work Order : Purchase Order :

		Laboratory Analysi	5			Quality :	Assurance
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
09/25 0810 MRR	BOD, 5-day	18.70 mg/L			SM 2011 5210 B	3.51	101.0 *
09/28 1310 BXW	Ammonia as N, (HACH/SM)	0.28 mg/L			H/SM 11 10205/4500	3.79	107.0 *
09/29 1017 MRR	Total Kjeldahl Nitrogen	6.0 mg/L			02/2014 HACH 10242	0.84	107.0 *
09/24 1330 NTR	рН	7.2 S.U.			SM 2011 4500-H+B	0.00	N/A *
09/29 1726 KNM	Copper	< 0.0070 mg/L			EPA 200.8	1.18	104.2 *
09/29 1726 KNM	Zinc	0.0915 mg/L			EPA 200.8	1.20	104.8 *
10/01 1350 KNM	Arsenic	< 0.0070 mg/L			EPA 200.8	0.60	113.8 *
10/01 1601 KNM	Selenium	< 0.0109 mg/L			EPA 200.8	1.85	121.0 *
09/24 1330 NTR	Spec. Conductance @ 25 C	164.100 umho,	/c		SM1997 2510B	0.34	N/A *
09/24 1710 BXW	Fecal Coliform	12976.4 /100r	nl		06/2012 Colilert18	0.00	N/A *
09/29 1726 KNM	Cadmium	< 0.0064 mg/L			EPA 200.8	0.30	101.4 *
09/25 1333 KNM	Mercury	< 0.0010 mg/L			EPA 245.1	9.73	82.6 *
09/29 1726 KNM	Lead	$0.0064~{ m mg/L}$			EPA 200.8	1.67	94.7 *
09/28 1441 MRR	Nitrate + Nitrite	3.16 mg/L			HACH 10206	2.30	105.0 *

* QA data shown is from a different sample or standard on the same date.

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Signature



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Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

C	lient Information			Project Information								Rec	ques	sted	Par	ame	eters	3
Client:	Clinton, East IW			Permit/Pro	oject #:		AR0048	836										
Address:	P.O. Box 277			Purchase	Order #:													l
	Clinton, AR 72031			Work Ord	er#							91.)						
Phone:	501-745-4320			Sampler N	Vame(s):		Necl	Ryenso	<u></u>			02(<u></u>				ĺ
Fax:	501-745-2164			1	. ,	***************************************		7-7-6				2 +		ents				l
Contact:	Mr. Phil Graham			and Signa	ture(s):		MA.	R			1	S N		Comments)				į
ESC Client Number:	619		·*]	()			J. J.		\neg		(¥.		(See C				
Sample Iden	tification		Sample	Collection			Sample	Container	S	\dashv	(3)	N(15	16.C	s (S				
Identification	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	-	#	BOD(3.	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (1
Irrigation Water	2009010455	9-24-20	1328	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C		1	X	ا کا						
\		1	(Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1		Х	Х					
		1		Grab	Wwater	Plastic	8 oz	HNO3 to p	H <2	<u> </u>				х				
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Relinquished By: (Signature and Printed	Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time		Used?	? round:	N		Intac	t?		
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Relinguished By: (Signature and Printed	Name)	9-24-20	1645	Received for Lab	By: (Signature and	d Printed Nam コルハ い		9/24/20	Time 1645	-1		sampl Yes	leś pro	perly		ved: No		
	0			000	Flow 40:		Field Test		Analyst		Resu		Resu	lt		Units		
Comments: Metals: Hg	(50.15), Cu(29.HW), 2 , Pb(82.HW), 00.MD	Zn(30.HW), <i>F</i>	\s(33.HW),	Se(34.HW)			pH:	1330	NO		7.		7.2		S.U.			-
Ou(+0.11VV),	, r b(02.11VV), 00.IVID				Time: Reading:		Conduct:	1330	Nr	24	-160	<u>t.1</u>	164	-2	U MF	os		
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WP50/E RMS/CHAIN.XLS

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2010010320 Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 08/02/22

Sample Date : 10/22/20 Sample Time : 1213

Sample From : IRRIGATION WATER

Sample Type : GRAB WWATER

Collected By: NTR Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analysis				Ouality 2	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
10/23 0645 KNM	BOD, 5-day	10.6 mg/L			SM 2011 5210 B	13.57	87.0
10/26 1655 BXW	Ammonia as N, (HACH/SM)	8.40 mg/L			SM 2011 4500-NH3-G	1.98	99.1 *
10/28 0905 KNM	Total Kjeldahl Nitrogen	17.3 mg/L			02/2014 HACH 10242	4.91	106.0
10/29 1254 KNM	Potassium	7.0090 mg/L			EPA 200.8	1.24	118.8
10/22 1214 NTR	рН	7.8 S.U.			SM 2011 4500-H+B	0.00	N/A
10/27 1038 KNM	Copper	< 0.0070 mg/L			EPA 200.8	4.74	108.2
10/27 1038 KNM	Zinc	0.0396 mg/L			EPA 200.8	8.96	96.4
10/29 1254 KNM	Arsenic	< 0.0070 mg/L			EPA 200.8	2.04	97.5
10/29 1254 KNM	Selenium	< 0.0109 mg/L			EPA 200.8	3.48	96.1
10/22 1213 NTR	Spec. Conductance @ 25 C	265.000 umho/	С		EPA 120.1	1.90	N/A
10/27 1038 KNM	Cadmium	< 0.00640 mg/L			EPA 200.8	0.86	107.4
10/29 1551 KNM	Mercury	< 0.0010 mg/L			EPA 245.7	12.26	122.0 *
10/29 1254 KNM	Lead	0.01150 mg/L			EPA 200.8	1.30	87.9
10/23 1430 EDA	Nitrate + Nitrite	0.87 mg/L			HACH 10206	2.06	105.0
10/30 0800 KNM	Sodium Absorption Ratio	45.9537 Ratio			AGRN 724	2.00	100.0
	-						

* QA data shown is from a different sample or standard on the same date.

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Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

Client Information Client East IW						Pro	oject Inf	formation	1				Rec	ques	ted	Par	ame	eters	3
Client:		Clinton, East IW			Permit/Pro	oject #:	9 -	AR0048	836	11									
Address:		P.O. Box 277			Purchase	Order #:													
		Clinton, AR 72031			Work Ord	er#	-						91.)						
Phone:		501-745-4320			Sampler N	lame(s):		Ned?	Dyerso				02(<u>@</u>				
·		501-745-2164			1	· /		1900	24 y = 1 30				+		ent				
Contact:		Mr. Phil Graham			and Signa	ture(s):	-	Dest	An-				NOS		Comments)				
ESC Client Nu	ımber:	619			1			, 00	228		\neg		(A)						
Sar	nple Iden	tification		Sample	Collection		T	Sample (Container	s	_	(3.)	N(15	16.C	s (S				
Identifica		ESC Control #	Date	Time	Туре	Matrix	Type	Volume	Preserva		#	BOD(3.)	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (See				
Irrigati	on Water	2010010376	10-22 20	1213	Grab	Wwater	Plastic	1 Liter	Cool < 6° C		1	Х			_				
	1	\	1	12(-	Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1		х	х			\dashv	\dashv	
1),			Grab	Wwater	Plastic	8 oz	HNO3 to p	L ~2	 		^	^	Х		\dashv		
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Relinquished By: (Signa	ature and Printed	Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time	, (Custo	ody Sea	als:					_
Relinquished By: (Signa	ature and Printed	Name)	Date	Time	Received By: (Si	gnature and Printe	d Namo)		Date	Time		Used'		7		Intact	t?		
			Butte	Time	Received by. (5)	griature and Frinte	a Name)		Date	Time		Regul	round: lar	X		Spec	ial	\neg	
Relinquished By Signa	ature and Printed	Name)	Date 10-22-33	Time 1710		By: (Signature and			Date	Time				les pro	perly			_	
crac jung	~ /\PO	()	10 22 73	1 110	HAMMA YSENIA MIN WED FOOD TEST			Time	Analys		Resu	Yes Ilt	Resu	lt [THE RESIDEN	No Units		_	
Comments:	Metals: Hg((50.15), Cu(29.HW), 2	Zn(30.HW), <i>A</i>	\s(33.HW),	V), Se(34.HW) Analyst: pH: 121年 N分					1.	8	7.5		S.U.					
(∪u(40.∏VV),	Pb(82.HVV), 00.MD		-		Time: Reading:		Conduct:	1214	₩Ç	24	26	5	26	0	U MH	os		\neg
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2001010093

Customer Name : CLINTON, EAST 001

Customer/Permit No.: 495 / AR0048836 001

Report Date : 01/20/20

Composite Date: 01/05/20 -01/06/20

Sample Time : 0800-0800

Sample Type : 24HRC

Sample From : FINAL EFFLUENT

Collected By: JJM Delivery By : JJM

Work Order :
Purchase Order :

Analysis		Laboratory Analysis	5				Assurance
<u>Date</u> <u>Time</u> <u>By</u> 01/09 0930 TCF	Parameter Phosphorous, Total (as P) Nitrate + Nitrite	Result 0.210 mg/L 0.87 mg/L	Notes _	Quantity	Method HACH 10209 HACH 10206	Precision * RPD 0.49 0.41	Accuracy <u>% Recovery</u> 96.9 * 98.9 *

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc

DW

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information					Pro	oject Inf	ormation				İ	Req	ues	ted	Par	ame	eters	S
Client:		Clinton, East 001			Permit/Pro	ject #:		AR00488	336										
Address:		P.O. Box 277			Purchase (Order #:													
_		Clinton, AR 72031			Work Orde	er#													ĺ
Phone:		501-745-4320		-	Sampler N	ame(s):	JOAL	~ Mills	W.	***	\exists	(25							
Fax:		501-745-2164							· · · · · · · · · · · · · · · · · · ·			otal							
Contact:		Mr. Phil Graham			and Signat	ure(s):	And		li	***************************************		Ţ,							
ESC Client Nu	mber:	495 (3X per week)			7	(<i>T</i>			*******		5(2							ĺ
Sar	nple Iden	itification		Sampl	e Collection			Sample (Container	S		÷NC+							
Identifica	ition	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preservative #		#	NO3+NO2(91), TotalP(25							
Final Effl	uent	SCAMMAS	1/5/25/1/26	D36250A	24Hr. Comp	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1	х					-		
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Relinquished By: (Signa	ture and Printed	Name)	Date	Time	Received By: (Sig	nature and Printed	Name)		Date	Time			round:		_	Intac	17		
ReMouished BA ASibna	ture and Printed	tName) ∧∧ N	\ \Date	Time	Received for Lah F	lv: (Signature and	Printed Name	a)	Data	Time		Regula	ar sampl	V	work	Spec			
Refriquished By Asigne	the 3	OSN Miller	V 640	USSS	Received for Lab By: (Signature and Printed Name) Date Time 1-6-20 (555)				2			V	peny		No				
	-				l'	Flow Da	ata	Field Test	Time	Analyst		Resu	it I	Resu			Units		
Comments:			~			Analyst: Time:		Grab pH: Grab DO:		 	-		\dashv			S.U. mg/L			
						Reading:					\dashv		\dashv		\dashv	y/L		***************************************	_
						Units:		E Coli Start			工		工						
								Fecal Start:			\Box	This	Docu	ımer	nt is	Page	1	of 1	

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2001010090

Customer Name : CLINTON, EAST 001

Customer/Permit No. : 495 / AR0048836 001

Report Date : 01/24/20

Composite Date:01/05/20 -01/06/20

Sample Time : 0800-0800/1244(1-6)

Sample Type : 24HRC/GRAB WWATER Sample From : FINAL EFFLUENT

Collected By: JJM Delivery By : JJM

Work Order : Purchase Order :

	La	aboratory Analysis			Ouality A	Assurance
Analysis				İ	Precision	Accuracy
Date Time By	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
01/06 1252 JJM	Dissolved Oxygen	10.30 mg/L	96.13 #/day	SM 2001 4500-0 G	0.00	N/A *
01/09 1100 TCF	Ammonia as N, (HACH/SM)	4.67 mg/L	43.59 #/day		2.85	101.4 *
01/06 1252 JJM	**	7.4 S.U.	_	SM 2011 4500-H+B	0.00	N/A *
01/07 0800 PJC	Solids, Total Suspended	< 2.50 mg/L	23.33 #/day		2.25	N/A *
	E. Coliforms	3.1 /100ml	•	06/2012 Colilert18	0.00	N/A
		4.1 /100ml		06/2012 Colilert18	0.00	N/A *
01/20 1029 NTR	Cadmium	< 0.10 ug/L	0.00 #/day	EPA 200.8	2.24	86.6 *
01/08 0730 DWC	BOD, Carbonaceous	< 2.00 mg/L	18.67 #/day	SM 2011 5210 B	5.03	102.4 *
01/16 1100 PJC	Mercury, ug/L	< 1.00000 ug/L	0.01 #/day	EPA 245.7	2.20	98.0
	Flow	1.120000 MGD				

* QA data shown is from a different sample or standard on the same date.

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Signature



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Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information					Pro	oject Inf	ormation				Red	zeur	ted I	Param	neters	3
Client:		Clinton, East 001			Permit/Pro	ject #:		AR00488	336			(25)	<u></u>				
Address:		P.O. Box 277			Purchase (Order #:						talP	Coli(43.IE)				
_		Clinton, AR 72031			Work Orde	er#	/:					1),To	Soli(
Phone:		501-745-4320			Sampler N	ame(s):	Trick	1 Mille	Y)2(9.	ш				
Fax:		501-745-2164					1 1	401 00			78.)	N+	3.IF)				
Contact:		Mr. Phil Graham			and Signat	ure(s):	Ash	Wille	<u></u>		TSS(28.)	NO3	7 (4)				
ESC Client Nu	mber:	495					/					5.A),	liforr				
San	nple Iden	tification		Sample	Collection			Sample 0	Containers	S	CBOD(70.),	NH3-N(15.A),NO3+NO2(91),TotalP(25)	Fecal Coliform (43.IF),				
Identifica	ition	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative #	88	Ä3	Fec				
Final Effl	uent	2001010070	5/100=118121X	0800-	24Hr. Comp	Wwater	Plastic	1/2 Gal	Cool ≤ 6° C		Х	-					П
		1	1	1	24Hr. Comp	Wwater	Plastic	8 oz	 Cool ≤ 6° C, H2SO4 to pH <2	1	1	X			\dashv		
			1/6/20	1244	Grab	Wwater	Plastic	100mls	Cool <10° C, Na2S2O3	1	1	1	Х		1		\Box
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1	-44										Reg	ular	V	<u> </u>	Special		
Revinquished By/ Signa	ature and Printee	Mamile Miller	1/6/20	Time 1955	Received for Lab I	By: (Signature and	Printed Nam	(locat	Date 1-6-70	Time	Wer	e samp Yes	ples pro	operly p	reserved No	Charles and the Control of the Contr	
		00112 11(600	11000	(0.00)	C	Flow Da	ata	Field Test	Time	Analyst	Res		Resu		Uni		一
Comments:			M			Analyst:		Grab pH: Grab DO:	1292	WCC	7.	43			S.U. ng/L		
			1141	95	THE REAL PROPERTY.	Reading: \	2	Sidb DO.	100	03/1	100	13			ig/L		\dashv
1			. (-	H	17.4	Units: //\(\c)	D	E Coli Start	1600	HMK							
					21774274			Fecal Start:	1600	HWK	Thi	s Doc	ume	nt is F	'age _l	of _	

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010379

Customer Name : CLINTON, EAST 40.24 LA PB 3

Customer Number: 3004

Report Date : 04/13/20

Sample Date : 03/23/20

Sample Time : 1050

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB3

Collected By: JGK Delivery By : JGK

Work Order: Purchase Order:

		Laboratory Ana	<u>lysis</u>	2		Quality 2	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	_ % RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	3.4430	mg/kg		SM 1997 4500-NH3 C	0.56	100.6
04/10 1524 KNM	Mercury	0.0190	mg/Kg		SW-846 7474 02/07	8.38	88.6
03/24 0630 NTR	Nitrate Nitrogen	4.130	mg/kg		SM 2000 4500-NO3 E	1.75	100.2
03/24 1250 NTR	Phosphorous, Total (as P)	324.8410	mg/kg		EPA 365.3	0.12	99.0
04/02 2226 KNM	Magnesium	87.37	mg/Kg		SW-846 6020A	7.68	102.4
04/02 2226 KNM	Potassium	102.39	mg/Kg		SW-846 6020A	6.77	110.7
03/31 1536 KNM	pH Soil	5.90	S.U.		SW846 9045C	1.68	N/A
04/02 2226 KNM	Nickel	3.303	mg/Kg		SW-846 6020A	0.88	98.5
04/02 2226 KNM	Copper	1.454	mg/Kg		SW-846 6020A	0.93	98.2
04/02 2226 KNM	Zinc	5.937			SW-846 6020A	0.89	103.0
03/24 0800 NTR	Nitogen, Plant Available	7.57 1			33 MSA 2nd Ed		
04/02 2226 KNM	Arsenic	0.914 1	mg/Kg		SW-846 6020A	1.70	106.1
03/24 1135 NTR	Specific Conductance	64.6000			EPA (MOD)9050A	0.47	N/A
04/02 2226 KNM	Cadmium	1.289 1	mg/Kg		SW-846 6020A	1.46	98.7
03/25 0945 KNM	Solids, % Total	79.885			SM 1997 2540 G	0.49	N/A *
04/02 2226 KNM	Lead	3.854 1	mg/Kg		SW-846 6020A	0.58	98.5
	1.66					a	
* QA data sho	wn is from a different samp	ole or standard	on the same	date.		· ·	

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010380

Customer Name : CLINTON, EAST 40.24 LA PB 30

* QA data shown is from a different sample or standard on the same date.

Customer Number : 3003
Report Date : 04/13/20

Sample Date : 03/23/20

Sample Time : 1105

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB30

Collected By: JGK Delivery By : JGK

Work Order: Purchase Order:

		Laboratory Analys	is			Quality .	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	2.0100 mg/	kg		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	0.0250 mg/	Kg		SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	6.970 mg/	kg		SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	376.3550 mg/	kg		EPA 365.3	0.12	99.0 *
04/02 2258 KNM	Magnesium	127.79 mg/	Kg		SW-846 6020A	7.68	102.4 *
04/02 2258 KNM	Potassium	127.94 mg/	Kg		SW-846 6020A	6.77	110.7 *
03/31 1539 KNM	pH Soil	6.60 S.U	•		SW846 9045C	1.68	N/A *
04/02 2258 KNM	Nickel	3.701 mg/	Kg		SW-846 6020A	0.88	98.5 *
04/02 2258 KNM	Copper	1.410 mg/	Kg		SW-846 6020A	0.93	98.2 *
04/02 2258 KNM	Zinc	7.688 mg/	Kg		SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	8.98 mg/	kg		33 MSA 2nd Ed		
04/02 2258 KNM	Arsenic	1.147 mg/	Kg		SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	12.9000 umh	os		EPA (MOD) 9050A	0.47	N/A *
04/02 2258 KNM	Cadmium	0.716 mg/	Kg		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	79.579 %			SM 1997 2540 G	0.49	N/A *
04/02 2258 KNM	Lead	3.243 mg/	Kg		SW-846 6020A	0.58	98.5 *

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Signature



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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010381

Customer Name : CLINTON, EAST 55.57 LA PB 10

Customer/Permit No. : 511 / AR0048836 001

Report Date : 04/13/20

Sample Date : 03/23/20

Sample Time : 1120

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB10

Collected By: JGK Delivery By : JGK

Work Order:
Purchase Order:

		Laboratory Ana	alysis			Quality 2	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	< 0.0594	mg/kg		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	< 0.0140	mg/Kg		SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	4.220	mg/kg		SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	337.0940			EPA 365.3	0.12	99.0 *
04/02 2309 KNM	Magnesium	78.31			SW-846 6020A	7.68	102.4 *
04/02 2309 KNM	Potassium	114.34	mg/Kg		SW-846 6020A	6.77	110.7 *
03/31 1540 KNM	pH Soil	5.70	S.U.		SW846 9045C	1.68	N/A *
04/02 2309 KNM	Nickel	2.961			SW-846 6020A	0.88	98.5 *
04/02 2309 KNM	Copper	1.267			SW-846 6020A	0.93	98.2 *
04/02 2309 KNM	Zinc	4.841			SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	4.22	mg/kg		33 MSA 2nd Ed		
04/02 2309 KNM	Arsenic	0.748	mg/Kg		SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	28.7000	umhos		EPA (MOD) 9050A	0.47	N/A *
04/02 2309 KNM	Cadmium	1.172	mg/Kg		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	84.101	ે		SM 1997 2540 G	0.49	N/A *
04/02 2309 KNM	Lead	3.517	mg/Kg		SW-846 6020A	0.58	98.5 *
					i		

 $\mbox{\scriptsize *}$ QA data shown is from a different sample or standard on the same date.

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Signature



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* QA data shown is from a different sample or standard on the same date.

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010382 Customer Name : CLINTON, EAST 55.57 LA PB 3

Customer Number: 3002 Report Date : 04/13/20 Sample Date : 03/23/20 Sample Time : 1140

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB3

Collected By: JGK Delivery By : JGK Work Order :

Purchase Order:

	<u>I</u>	Saboratory Analysis	3			Quality A	Assurance
Analysis			_			Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	3.0480 mg/kg	J		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	< 0.0220 mg/Kg	I		SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	0.553 mg/kg	I		SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	357.1110 mg/kg	I		EPA 365.3	0.12	99.0 *
04/02 2320 KNM	Magnesium	97.90 mg/Kg	I		SW-846 6020A	7.68	102.4 *
04/02 2320 KNM	Potassium	109.69 mg/Kg	I		SW-846 6020A	6.77	110.7 *
03/31 1542 KNM	pH Soil	5.80 S.U.			SW846 9045C	1.68	N/A *
04/02 2320 KNM	Nickel	3.074 mg/Kg	J		SW-846 6020A	0.88	98.5 *
04/02 2320 KNM	Copper	1.285 mg/Kg	ī		SW-846 6020A	0.93	98.2 *
04/02 2320 KNM	Zinc	5.638 mg/Kg	ſ		SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	3.60 mg/kg	ſ		33 MSA 2nd Ed		
04/02 2320 KNM	Arsenic	0.980 mg/Kg	, [SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	15.2000 umhos	;		EPA (MOD) 9050A	0.47	N/A *
04/02 2320 KNM	Cadmium	0.900 mg/Kg	ſ		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	80.367 %			SM 1997 2540 G	0.49	N/A *
04/02 2320 KNM	Lead	3.196 mg/Kg	ſ		SW-846 6020A	0.58	98.5 *
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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010383

Customer Name : CLINTON, EAST 55.57 LA PB 30

Sample Date : 03/23/20

Collected By: JGK

Customer Number: 3001

Sample Time : 1150

Delivery By : JGK

Sample Type : GRAB SOIL

Work Order :

Report Date : 04/13/20

Sample From : EAST LA 55.57 PB30

Purchase Order :

		Laboratory Analys:	is			Ouality	Assurance
Analysis					i	Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	< 0.0591 mg/]	κg		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	< 0.0090 mg/1			SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	0.709 mg/l			SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	353.1870 mg/l			EPA 365.3	0.12	99.0 *
04/02 2331 KNM	Magnesium	58.51 mg/I			SW-846 6020A	7.68	102.4 *
04/02 2331 KNM	Potassium	69.99 mg/I	(g		SW-846 6020A	6.77	110.7 *
03/31 1543 KNM	pH Soil	5.70 S.U.			SW846 9045C	1.68	N/A *
04/02 2331 KNM	Nickel	2.175 mg/I			SW-846 6020A	0.88	98.5 *
04/02 2331 KNM	Copper	0.976 mg/I	(g		SW-846 6020A	0.93	98.2 *
04/02 2331 KNM	Zinc	3.926 mg/I	(g		SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	0.70 mg/}	rg		33 MSA 2nd Ed		
04/02 2331 KNM	Arsenic	0.639 mg/I	(g		SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	28.1000 umho	os		EPA (MOD) 9050A	0.47	N/A *
04/02 2331 KNM	Cadmium	0.831 mg/F	(g		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	84.516 %			SM 1997 2540 G	0.49	N/A *
04/02 2331 KNM	Lead	2.577 mg/F	(g		SW-846 6020A	0.58	98.5 *

^{*} QA data shown is from a different sample or standard on the same date.

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010384

Customer Name : CLINTON, EAST LA AIRPORT9

Customer Number: 2959

Report Date : 04/13/20

Sample Date : 03/23/20 Sample Time : 1200

Sample Type : GRAB SOIL

Sample From : EAST LA AIRPORTS

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysis	<u> </u>			Quality 2	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	1.2990 mg/kg	ſ		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	< 0.0100 mg/Kg	ī		SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	2.041 mg/kg	ſ		SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	305.0440 mg/kg	ſ		EPA 365.3	0.12	99.0 *
04/02 2341 KNM	Magnesium	92.25 mg/Kg	ſ		SW-846 6020A	7.68	102.4 *
04/02 2341 KNM	Potassium	132.43 mg/Kg			SW-846 6020A	6.77	110.7 *
03/31 1544 KNM	pH Soil	5.30 S.U.			SW846 9045C	1.68	N/A *
04/02 2341 KNM	Nickel	3.196 mg/Kc	ſ		SW-846 6020A	0.88	98.5 *
04/02 2341 KNM	Copper	1.347 mg/Kg	ſ		SW-846 6020A	0.93	98.2 *
04/02 2341 KNM	Zinc	4.523 mg/Kg			SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	3.33 mg/kg			33 MSA 2nd Ed	0.05	103.0
04/02 2341 KNM	Arsenic	0.992 mg/Kg			SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	26.6000 umhos			EPA (MOD) 9050A	0.47	N/A *
04/02 2341 KNM	Cadmium	0.941 mg/Kg	r		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	80.808 %			SM 1997 2540 G	0.49	N/A *
04/02 2341 KNM	Lead	3.149 mg/Kg	•		SW-846 6020A	0.58	98.5 *
•		11 - 1 - 1 - 1 - 1 - 1			2 010 0020A	0.56	20.5 °
					ì		

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.



^{*} QA data shown is from a different sample or standard on the same date.

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010385

Customer Name : CLINTON, EAST LA WD13

Customer Number: 2960 Report Date: 04/13/20 Sample Date : 03/23/20 Sample Time : 1225

Sample Type : GRAB SOIL
Sample From : EAST LA WD13

Collected By: JGK Delivery By : JGK

Work Order:
Purchase Order:

		Laboratory Analys:	<u>Ls</u>			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u> Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
03/24 0845 NTR	Ammonia Nitrogen	2.2140 mg/l	g		SM 1997 4500-NH3 C	0.56	100.6 *
04/10 1524 KNM	Mercury	< 0.0090 mg/1			SW-846 7474 02/07	8.38	88.6 *
03/24 0630 NTR	Nitrate Nitrogen	5.289 mg/l			SM 2000 4500-NO3 E	1.75	100.2 *
03/24 1250 NTR	Phosphorous, Total (as P)	337.6750 mg/l			EPA 365.3	0.12	99.0 *
04/02 2352 KNM	Magnesium	74.44 mg/l	(g		SW-846 6020A	7.68	102.4 *
04/02 2352 KNM	Potassium	98.36 mg/1	(g		SW-846 6020A	6.77	110.7 *
03/31 1545 KNM	pH Soil	5.10 S.U			SW846 9045C	1.68	N/A *
04/02 2352 KNM	Nickel	2.596 mg/l			SW-846 6020A	0.88	98.5 *
04/02 2352 KNM	Copper	1.003 mg/l			SW-846 6020A	0.93	98.2 *
04/02 2352 KNM	Zinc	4.032 mg/l			SW-846 6020A	0.89	103.0 *
03/25 0800 NTR	Nitogen, Plant Available	7.50 mg/]	g		33 MSA 2nd Ed		
04/02 2352 KNM	Arsenic	0.884 mg/I	(g		SW-846 6020A	1.70	106.1 *
03/24 1135 NTR	Specific Conductance	23.4000 umh			EPA (MOD) 9050A	0.47	N/A *
04/02 2352 KNM	Cadmium	0.739 mg/I	(g		SW-846 6020A	1.46	98.7 *
03/25 0945 KNM	Solids, % Total	81.291 %			SM 1997 2540 G	0.49	N/A *
04/02 2352 KNM	Lead	2.689 mg/I	(g		SW-846 6020A	0.58	98.5 *

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Signature



13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	Client Information				Project Information							Requested Parameters							
Client:		Clinton, City of (Ea	st Land App	o)	Permit/Pro	oject#:													
Address:		P.O. Box 277			Purchase	Order #:							6.	<u>_</u>					
		Clinton, AR 72031		Work O		er#						ts)	Phos(01.9)	35.N	(S)				
Phone:		501-745-4320		Sampler Na			me(s): J Knownshill					omments	Pho	Spec Cond(35.M)	PAN(33.AN)				
Fax:		Mr. Phil Graham										E	1.3),	ပို	PAN				
Contact:		501-745-2164	and Signa			ture(s):	\overline{C}		~J	***************************************		ee C	en(0		<u>-</u> ,				
ESC Client Nur	SC Client Number: Various			1		$\overline{}$					(Se	itrog	3.S)	ia(0)					
Sample Identification Sample Collection			Collection			Sample (Containers	3		als	te N	oH(2	Ammonia(01.1),						
Identificat	ion	ESC Control #	Date	Time	Туре	Matrix	Type	Volume	Preserva	tive	#	Metal	Nitrate Nitrogen(01.3),	Soil pH(23.S),	Am				
East LA 40.24 PB3	3 (3004)	2003010379	3/23/20	1050	Grab	Soil	Glass	1 Liter	Cool < 6° C		1	х	х	х	х				
East LA 40.24 PB3	30 (3003)	2003010380	3/23/20	1105	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C	:	1	х	х	х	х				
East LA 55.57 PB1	0 (511)	2003010381	312120	tiro	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C			х	х	х	х				
East LA 55.57 PB3	3 (3002)		3125120	1140	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C			х	х	х	х				一
East LA 55.57 PB3	30 (3001)	2003010383	3123120	1150	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х				
East LA Airport9 (2	959)	2603010384	3123120	1200	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	х	х	х	х				
East LA WD13 (29	60)	2003010385		irrg-	Grab	Soil	Glass	1	Cool ≤ 6° C		1	х	х	х	х				
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Relinquished By: (Signat	ure and Printed	d Name)	Date	Time	Received By: (Si	gnature and Printe	d Name)		Date	Time		Ised? urna	round:			Intact	?		
Relingu/shed By: (Signat	uro and Printer	1 Nama)	Date	Time	Possived for Lab	By: (Signature an	d Drintor Now	>	Date	Time		Regul				Speci			_
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					l	Flow D	ata	Field Test		Analyst		≀esu	it	Resu	lt	- (Jnits		
		In(12.HS), K(19.HS), Ni(2 Cd(48.HS), Pb(82.HS), 00		.HS), Zn(30.	HS)	Analyst: Time:					_								
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010539

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 04/02/20

Sample Date : 03/23/20

Sample Time : 1130

Sample Type : GRAB WWATER Sample From : WELL 13

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analys:	<u>is</u>			Quality I	Assurance
Analysis	sis					Precision	Accuracy
<u>Date Time By</u>	me By Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
04/01 0915 DWC	15 DWC Chloride (as Cl)	20.0 mg/I	L		SM1997 4500ClC	0.00	93.0 *
03/23 1130 JGK	30 JGK pH	6.5 S.U.			SM 2011 4500-H+B	0.00	N/A *
03/27 1030 NTR	30 NTR Solids, Total Dissolved	258.0 mg/I	L		SM1997 2540 C	0.34	N/A *
03/23 1135 JGK	35 JGK Spec. Conductance @ 25 C	238.000 umh	o/c		SM1997 2510B	0.42	N/A
03/23 1135 JGK	35 JGK Temperature	14.60 °C			SM 2000 2550 B	0.00	N/A
03/25 1450 KNM	50 KNM Nitrate + Nitrite	0.16 mg/I	L		HACH 10206	4.20	99.8 *
03/23 1130 JGK	30 JGK Well Depth, Total	15.40 Feet	t			N/A	N/A
03/23 1130 JGK	30 JGK Depth to Water	5.60 Feet	t			N/A	N/A
03/23 1130 JGK 03/27 1030 NTR 03/23 1135 JGK 03/23 1135 JGK 03/25 1450 KNM 03/23 1130 JGK	30 JGK pH 30 NTR Solids, Total Dissolved 35 JGK Spec. Conductance @ 25 C 35 JGK Temperature 50 KNM Nitrate + Nitrite 30 JGK Well Depth, Total	6.5 S.U 258.0 mg/I 238.000 umho 14.60 °C 0.16 mg/I 15.40 Feet	L o/c L		SM 2011 4500-H+B SM1997 2540 C SM1997 2510B SM 2000 2550 B	0.00 0.34 0.42 0.00 4.20 N/A	93.0 N/I N/I N/I N/I 99.8

 \star QA data shown is from a different sample or standard on the same date.

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010540

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 04/02/20

Sample Date : 03/23/20

Sample Time : 1115

Sample Type : GRAB WWATER Sample From : WELL 14

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysis			Quality A	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes	Quantity	Method	% RPD	<pre>% Recovery</pre>
04/01 0915 DWC	Chloride (as Cl)	$10.0~{ m mg/L}$		SM1997 4500ClC	0.00	93.0 *
03/23 1115 JGK	рН	6.6 S.U.		SM 2011 4500-H+B	0.00	N/A *
03/27 1030 NTR	Solids, Total Dissolved	$110.0~{ m mg/L}$		SM1997 2540 C	0.34	N/A *
03/23 1120 JGK	Spec. Conductance @ 25 C	99.900 umho/c		SM1997 2510B	0.42	N/A *
03/23 1120 JGK	Temperature	14.70 °C		SM 2000 2550 B	0.00	N/A *
03/25 1450 KNM	Nitrate + Nitrite	4.51 mg/L		HACH 10206	4.20	99.8 *
03/23 1115 JGK	Well Depth, Total	13.10 Feet			N/A	N/A
03/23 1115 JGK	Depth to Water	4.10 Feet			N/A	N/A

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2003010542 Sample Date : 03/23/20 Customer Name : CLINTON, EAST GW17 Sample Time : 1020

Sample Type : GRAB WWATER Sample From : WELL 17

Collected By: JGK Delivery By : JGK Work Order :

N/A

N/A

Purchase Order :

Report Date : 04/13/20

Customer/Permit No. : 649 / AR0048747 001

Laboratory Analysis Quality Assurance Analysis Precision Accuracy Date Time By Parameter Result Notes Ouantity Method % RPD % Recovery 04/01 0915 DWC Chloride (as Cl) < 0.1 mg/LSM1997 4500ClC 0.00 93.0 * 03/23 1020 JGK pH 6.1 S.U. SM 2011 4500-H+B 0.00 N/A * 03/27 1030 NTR Solids, Total Dissolved 142.0 mg/L SM1997 2540 C 0.34 N/A *03/23 1025 JGK Spec. Conductance @ 25 C 76.600 umho/c SM1997 2510B 0.42 N/A * 03/23 1025 JGK Temperature 15.20 °C SM 2000 2550 B 0.00 N/A * 03/25 1450 KNM Nitrate + Nitrite 6.46 mg/L HACH 10206 4.20 99.8 * 03/23 1020 JGK Well Depth, Total 17.60 Feet N/AN/A03/23 1020 JGK Depth to Water 7.20 Feet

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.



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Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Jason Knocmschild and Signature:

Sample Date: 3/13/10

Sample Identification (Customer #)	Number	Sample Time:	Depth To Water	Total Well Depth		р	Н		Sp	ecific Co	onducta	nce			erature ees C		CI, TDS (1L Plastic ≤ 6 Deg C)	NO3+N O2 (1 L Plastic H2SO4)
Clinton E	ast Wells		_		#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	2003010539	1130	56"	15′ 4″	6.5	6.6	6.5	1135	238	239	238	1135	64,6	14.6	14.6	1135	X	Х
#14 (508)	2003010540		4.11	13′ 1″	سا . جا	6.7	1	1	4	1	99.3	1120	14.7	14.8	14.7	1170	X	х
#16 (509)	2003010541	1210		14′ 0″	VO	I D	1		Pu		1						X	х
#17 (649)	2003010542	1020	7/211	17′ 6″	6.1	6.1	1	ll .	1		76.6	1025	15.2	15.3	15.2	1025	x	х

Relinquished Comments	1 by: Q. Ku/J/	hoensh,	し Time	: 1415		Receive	d By La	ab:	and	(ail	locat	<u> </u>	Dat	e: 3/	23/2	Ti C.	me: 141	5

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2009010451

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 09/30/20

Sample Date : 09/24/20

Sample Time : 1449

Sample Type : GRAB WATER Sample From : #13 (507)

Collected By: NTR Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analysi	s			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	<pre>% Recovery</pre>
09/25 1446 MRR	Chloride (as Cl)	29.9 mg/I			SM1997 4500ClC	0.00	99.9 *
09/24 1450 NTR	рН	6.2 S.U.			SM 2011 4500-H+B	0.00	N/A
09/28 1439 BXW	Solids, Total Dissolved	< 2.5 mg/I			SM1997 2540 C	0.00	N/A *
09/24 1450 NTR	Spec. Conductance @ 25 C	145.400 umhc	/c		SM1997 2510B	0.57	N/A *
09/24 1450 NTR	Temperature	18.50 °C			SM 2000 2550 B	0.00	N/A
09/28 1441 MRR	Nitrate + Nitrite	1.91 mg/I			HACH 10206	2.30	105.0 *
09/24 1449 NTR	Well Depth, Total	15.33 Feet				N/A	N/A
09/24 1411 NTR	Depth to Water	9.33 Feet				N/A	N/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature



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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2009010452 Customer Name: CLINTON, EAST GW14

CLINION, EAST GW14

Customer/Permit No. : 508 / AR0048836 001 Report Date : 09/30/20

Sample Date : 09/24/20 Sample Time : 1411

Sample Type : GRAB WATER Sample From : #14 (508)

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

Analysis		Laboratory Analysis			<u>Quality A</u> Precision	Assurance Accuracy
<u>Date Time By</u>	Parameter	Result Notes	Quantity	Method	% RPD	% Recovery
09/25 1446 MRR	Chloride (as Cl)	9.9 mg/L		SM1997 4500ClC	0.00	99.9 *
09/24 1413 NTR	рН	6.3 S.U.		SM 2011 4500-H+B	0.00	N/A *
09/28 1439 BXW	Solids, Total Dissolved	150.0 mg/L		SM1997 2540 C	0.00	N/A *
09/24 1413 NTR	Spec. Conductance @ 25 C	119.600 umho/c		SM1997 2510B	0.34	N/A
09/24 1413 NTR	Temperature	18.90 °C		SM 2000 2550 B	0.00	N/A *
09/28 1441 MRR	Nitrate + Nitrite	$1.20~{ m mg/L}$		HACH 10206	2.30	105.0 *
09/24 1411 NTR	Well Depth, Total	13.08 Feet			N/A	N/A
09/24 1411 NTR	Depth to Water	8.25 Feet			N/A	N/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature



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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2009010453

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 09/29/20

Sample Date : 09/24/20

Sample Time : 1347

Sample Type : GRAB WATER Sample From : #16 (509)

Collected By: NTR Delivery By : NTR

Work Order : Purchase Order :

		Laboratory Analysi	is			Quality I	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	<u>Notes</u>	Quantity	<u> </u>	% RPD	% Recovery
09/24 1347 NTR	Dry Well	0.00				N/A	N/A
							•

 $\mbox{\scriptsize *}$ QA data shown is from a different sample or standard on the same date.

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Signature



Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2009010454

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 10/05/20

Sample Date: 09/24/20

Sample Time : 1352

Sample Type : GRAB WATER Sample From : #17 (649)

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

		Laboratory Ana	lysis			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
09/25 1446 MRR	Chloride (as Cl)	< 0.1	mg/L		SM1997 4500ClC	0.00	99.9
09/24 1353 NTR	рН	6.1	S.U.		SM 2011 4500-H+B	0.00	N/A *
	Solids, Total Dissolved	191.6	mg/L		SM1997 2540 C	0.00	N/A *
09/24 1353 NTR	Spec. Conductance @ 25 C	76.300	umho/c		SM1997 2510B	0.34	N/A *
09/24 1353 NTR	Temperature	19.30	°C		SM 2000 2550 B	0.00	N/A *
09/28 1441 MRR	Nitrate + Nitrite	6.02	mg/L		HACH 10206	2.30	105.0 *
09/24 1352 NTR	Well Depth, Total	17.50	Feet			N/A	N/A
09/24 1352 NTR	Depth to Water	12.38	Feet			N/A	N/A

 $\mbox{\ensuremath{^{\star}}}$ QA data shown is from a different sample or standard on the same date.

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Signature





Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s):	Ned Ryerson
and Signature:	nu One L

Sample Date: 9-24-2020

Sample Identification (Customer #)	Laboratory Control Number	Sample Time:	Depth To Water	Total Well Depth		þ	эН		Sp		onductai	nce			erature ees C		Cl, TDS (1L Plastic \$ 6 Deg C)	NO3+N O2 (8 oz Plastic
Clinton Ea	ast Wells		_		#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	2009010451	1449	9'4"	15′ 4″	6,2	6.2	6.2	1450	145:4	144.9	145.1	1450	18.5	87	18.6	1450	Х	х
#14 (508)	2009010452		8'3"	13′ 1″	6.3	6.2	1			1				18.9	18.8	1413	Х	х
#16 (509)	2009010453	' ' '	-	14′ 0″	D		W	1	ĺ			/					X	х
* · · · · · · · · · · · · · · · · · · ·	2009010454	,	12' 4.5"		6.1	6,0				76.5	76.6	1353	19.3	19.4	19.2	1353	Х	х
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				, , , , , , , , , , , , , , , , , , , ,														

			,															
													1					
Relinquished Comments	by: Ned Rye - Ne.	d Ryevs.	Time:	<u> </u>	R	Receive	d By La	16: 1/0	M	7	Ben (Nog	Date	e: 1/2	4/70	Ti	me:1645	

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2010010322

Customer Name : CLINTON, EAST GW13

Sample Date : 10/22/20 Sample Time : 1307

Collected By: NTR Delivery By : NTR

Customer/Permit No. : 507 / AR0048836 001

Work Order :

Report Date : 10/30/20

Sample Type : GRAB WATER Sample From : 13 (507)

Purchase Order :

		Laboratory Ana	alysis			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
10/29 1450 BXW	Chloride (as Cl)	10.0	mg/L		SM1997 4500ClC	0.00	90.0
10/22 1307 NTR	рН	6.2	S.U.		SM 2011 4500-H+B	0.00	N/A *
10/23 1530 EDA	Solids, Total Dissolved	80.0	mg/L		SM1997 2540 C	4.45	N/A *
10/22 1307 NTR	Spec. Conductance @ 25 C	188.400	umho/c		SM1997 2510B	1.90	N/A *
10/23 1430 EDA	Nitrate + Nitrite	1.12	mg/L		HACH 10206	2.06	105.0 *
10/22 1307 NTR	Well Depth, Total	15.33	Feet			N/A	N/A
10/22 1307 NTR	Depth to Water	8.13	Feet			N/A	N/A

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Signature



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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2010010323

Customer Name : CLINTON, EAST GW14

Collected By: NTR

Customer/Permit No. : 508 / AR0048836 001

Sample Time : 1250

Delivery By : NTR

Sample Type : GRAB WATER

Work Order :

Report Date : 10/30/20

Sample From : 14 (508)

Sample Date : 10/22/20

Purchase Order :

		Laboratory Ana	<u>llysis</u>			Quality A	<u>Assurance</u>
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	<u> Method</u>	% RPD	<pre>% Recovery</pre>
10/29 1450 BXW	Chloride (as Cl)	10.0	mg/L		SM1997 4500ClC	0.00	90.0 *
10/22 1250 NTR	рН	5.8	S.U.		SM 2011 4500-H+B	0.00	N/A *
10/23 1530 EDA	Solids, Total Dissolved	< 2.5	mg/L		SM1997 2540 C	4.45	N/A *
10/22 1250 NTR	Spec. Conductance @ 25 C	129.200	umho/c		SM1997 2510B	1.90	N/A *
10/23 1430 EDA	Nitrate + Nitrite	< 0.23	mg/L		HACH 10206	2.06	105.0 *
10/22 1250 NTR	Well Depth, Total	13.08	Feet			N/A	N/A
10/22 1250 NTR	Depth to Water	9.66	Feet			N/A	N/A

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Signature



^{*} OA data shown is from a different sample or standard on the same date.

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Control Number: 2010010324

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 10/26/20

Sample Date : 10/22/20

Sample Time : NA

Sample Type : GRAB WATER Sample From : 16 DRY WELL

Collected By: NTR Delivery By: NTR

Work Order : Purchase Order :

		Laboratory Analysi	s		Quality I	Assurance
Analysis Date Time By 10/22 1200 NTR	Parameter Dry Well	Result 0.00	Notes Quantity	Method	Precision <u>% RPD</u> N/A	Accuracy % Recovery N/A

* QA data shown is from a different sample or standard on the same date.

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Signature



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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2010010325

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Sample Time : 1236 Sample Type : GRAB WATER

Sample Date : 10/22/20

Collected By: NTR Delivery By : NTR

Work Order :

Report Date : 10/30/20

Sample From : 17 (649)

Purchase Order :

					ł	
		Laboratory Analysis			Quality A	<u>Assurance</u>
Analysis					Precision	Accuracy
Date Time By	<u>Parameter</u>	Result Notes	Quantity	Method	용 RPD	% Recovery
10/29 1450 BXW	Chloride (as Cl)	$10.0~{ m mg/L}$		SM1997 4500ClC	0.00	90.0 *
10/22 1236 NTR	рн	5.5 S.U.		SM 2011 4500-H+B	0.00	N/A *
10/23 1530 EDA	Solids, Total Dissolved	146.7 mg/L		SM1997 2540 C	4.45	N/A *
10/22 1236 NTR	Spec. Conductance @ 25 C	93.900 umho/c		SM1997 2510B	1.90	N/A *
10/23 1430 EDA	Nitrate + Nitrite	5.86 mg/L		HACH 10206	2.06	105.0 *
10/22 1236 NTR	Well Depth, Total	17.50 Feet			N/A	N/A
10/22 1236 NTR	Depth to Water	12.58 Feet			N/A	N/A
					ı	

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Signature



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Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Ned Ryeison and Signature: Ned Ryeison

Sample Date: October 22, 2020

Identification (Customer #)	Laboratory Control Number	Sample Time:	Depth To Water	Total Well Depth		p	Н		Sp	ecific Co	onductai	nce			erature ees C		CI, TDS (1L) Plastic \$ 6 Deg C)	NO3+N 02 (1 L Plastic H2SO4)
Clinton W	ells				#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	2010010322	1307	8 11/2"	15′ 4″	6,2	6.3	6.3	1307	188.4	188.1	188.2	1307	219	22.0	22.0	1307	Х	X
#14 (508)	2010010323			13′ 1″		1			ğ	1	1	i	1	1	1	1		X
#16 (509)	2010010324		1 -	14' 0"	-DR	Y \	JE)			AND DESCRIPTION OF THE PERSONNELS.			•				X	х
#17 (649)	2010100325		l .	l	1	ŀ	1		93.9	944	94.1	1236	20.6	20.4	20.3	1236	х	x

Polinguished	by Hed Rys -		Time	: 17 <i>1</i> 0		Pacaiva	d Ry I s	h. N	un	\ \nan/	J Be	L NJUN	Date	e:1017	z/20	Ti	me: [7]	()

Comments:

page lof 1

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010676

Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 08/02/22

Sample Date : 03/19/21 Sample Time : 1330

Sample Type : GRAB WWATER

Sample From : IRRIGATION WATER

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

		Laboratory Anal	ysis			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
03/19 1644 EDA	BOD, 5-day	18.0 m	ıg/L		SM 2011 5210 B	14.97	106.0 *
03/30 1023 AKA	Ammonia as N, (HACH/SM)	5.47 m	ıg/L		SM 2011 4500-NH3-G	1.57	90.3 *
03/25 1017 AKA	Total Kjeldahl Nitrogen	16.7 m	ıg/L		02/2014 HACH 10242	8.01	115.0 *
03/30 1508 KNM	Potassium	4.6100 m	ıg/L		EPA 200.8	5.34	111.2 *
03/19 1330 HMK	рН	8.4 S	.U.		SM 2011 4500-H+B	0.00	N/A *
03/30 1508 KNM	Copper	< 0.0200 m	ıg/L		EPA 200.8	0.41	101.5 *
03/30 1508 KNM	Zinc	< 0.0500 m	ıg/L		EPA 200.8	4.07	102.0 *
03/30 1508 KNM	Arsenic	< 0.0100 m	ıg/L		EPA 200.8	0.29	99.7 *
03/30 1508 KNM	Selenium	< 0.0150 m	g/L		EPA 200.8	6.67	99.6 *
04/06 1433 BXW	Spec. Conductance @ 25 C	211.610 u	mho/c		EPA 120.1		
03/30 1508 KNM	Cadmium	< 0.02000 m	g/L		EPA 200.8	1.05	105.6 *
03/26 1845 KNM	Mercury	0.0010 m	g/L		EPA 245.7	0.56	111.4 *
03/30 1508 KNM	Lead	< 0.01000 m	g/L		EPA 200.8	0.46	89.2 *
03/22 1331 BXW	Nitrate + Nitrite	6.53 m	g/L		HACH 10206	0.80	103.0 *
04/01 0800 KNM	Sodium Absorption Ratio	51.7228 R	atio		AGRN 724		

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Environmental Services Company, Inc. Corporate Office

13715 West Markham P.O. Box 55146
Little Rock, AR 72211 Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	C	Client Information				Pro	oject Inf	ormation)			R	∍qu∈	ested	Parai	mete	ers
Client:		Clinton, East IW			Permit/Pro	ject #:		AR0048	836								
Address:		P.O. Box 277			Purchase	Order #:											
		Clinton, AR 72031			Work Orde	er#	_ •					91)					
Phone:		501-745-4320			Sampler N	lame(s):	Har.	Des- K	ells			202		s)			
Fax:		501-745-2164					1/	, ,	1			+		Comments)			
Contact:		Mr. Phil Graham			and Signat	ture(s):		/	***************************************	•		Š		omr			
ESC Client Nu	ımber:	619			1	, ,	4					(A)					
Sar	nple Iden	tification		Sample	Collection			Sample (Containers	3		(S) S	(16.0	ls (S			
Identifica	ation	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	BOD(3.) NH3-N(15.A). NO3 + NO2(91.)	TKN(16.C)	Metals (See			
Irrigati	on Water	2103010676	3/19/21	1330	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C	:	1	x	十				
		1		1	Grab	Wwater	Plastic	8 oz	Cool < 6° C, H2SO4 to pH <2		1		(X	1		十	
		<u> </u>	-	1	Grab	Wwater	Plastic	8 oz	HNO3 to p	-l <2	1			X		\top	
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Relinquished By: (Signa	ature and Printed	Name)	Date	Time	Received By: (Sig	gnature and Printe	d Name)	<u> </u>	Date	Time		ustody sed?	Seals:		Intact?		_
Relinquished By: (Signa	ature and Printed	l Name)	Date	Time	Received By: (Sig	gnature and Printe	d Name)		Date	Time	- 1	urnarou legular	nd:		Special		_
Relinguished Blr: (Signa	ature and Printed	(Yarne)	3/9/2/	1643	Received for Lab	By: (Signature and	d Printed Nam	ie)	Date 3/19/21	Time 1642	v	-		property	preserve	d:	
1 ()	70		271115			Flowr Da	ata/	Field Test	Time	Analys	t F	Result	Res		Ur	nits	
Comments:	Metals: Hg	(50.15), Cu(29.HW), 2 , Pb(82.HW), 00.MD	Zn(30.HW),	As(33.HW),	Se(34.HW)	Analystr. Time:		pH: Conduct:	1330	HMI		8.4 -99		.4	S.U. U MHO		
		, . 5(52), 66				Reading:		Conduct.			1	77	一`	29	0 101110		
-						Units:							1_				
												his Do	cum	ent is	Page 1	of.	

BXW

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2107010259

Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 08/02/21

Sample Date : 07/26/21

Sample Time : 1155

Sample Type : GRAB WWATER
Sample From : IRRIGATION WATER

Collected By: DMP Delivery By : DMP

Work Order : Purchase Order :

		Laboratory Analys	sis			Ouality A	Assurance
Analysis					İ	Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
07/28 0536 BXW	BOD, 5-day	7.9 mg/	L		SM 2011 5210 B	16.95	96.0 *
07/28 1010 EJD	Ammonia as N, (HACH/SM)	1.66 mg/	'L		SM 2011 4500-NH3-G	0.78	97.9 *
07/28 1110 AKA	Total Kjeldahl Nitrogen	7.1 mg/	'L		02/2014 HACH 10242	0.00	105.0
07/26 1200 DMP	рН	7.3 S.T	J.		SM 2011 4500-H+B	0.00	N/A *
07/29 2311 NTR	Copper	< 0.0200 mg/	'L		EPA 200.8	6.34	122.0 *
07/29 2311 NTR	Zinc	< 0.0500 mg/	'L		EPA 200.8	5.99	109.7 *
07/29 2311 NTR	Arsenic	< 0.0100 mg/	'L		EPA 200.8	9.89	115.1 *
07/29 2311 NTR	Selenium	< 0.0150 mg/	L		EPA 200.8	12.93	96.3 *
07/26 1620 DMP	Spec. Conductance @ 25 C	144.900 umh	10/c		EPA 120.1	0.07	N/A
07/29 2311 NTR	Cadmium	< 0.0200 mg/	L		EPA 200.8	8.32	92.0 *
07/27 1523 KNM	Mercury	< 0.0050 mg/	L		EPA 245.1	10.53	99.3
07/29 2311 NTR	Lead	< 0.0100 mg/	L		EPA 200.8	4.30	99.3 *
07/27 1155 EJD	Nitrate + Nitrite	3.22 mg/	L		HACH 10206	3.32	100.0
		5,				3.32	±00.0
					<u></u>		

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Signature



En ... imental Services Company, Inc. Corporate Office

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website: www.esclabs.com

Phone: 501-221-2565 Fa

Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	С	lient Information		TO THE RESIDENCE AND ADDRESS OF THE PARTY OF		Pro	oject Inf	ormation		MATERIAL PROPERTY.			Req	lues	ted	Par	ame	eters	S
Client:		Clinton, East IW			Permit/Pro	ject #:		AR0048	836										
Address:		P.O. Box 277			Purchase	Order #:													
		Clinton, AR 72031	~~~		Work Orde	er#		CANAL STATE OF THE			-		1.)						
Phone:		501-745-4320			Sampler N	lame(s):	1/19	UID	PIG	? U.	,		02(8						
Fax:	·····	501-745-2164						- 1	,			ĺ	Z +		ents				
Contact:		Mr. Phil Graham			and Signa	ture(s):	1/2	00	PIC				NO3		omn				
ESC Client Nur	mber:	619					-						5.A),		ee C				
Sam	iple Ideni	tification		Sample	Collection			Sample (Containers	3		(3.)	-N(1	(16.C	ls (S				
Identificat	ion	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva	ative	#	BOD(3.)	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (See Comments)				
Irrigatio	n Water	2107010259	07/2421	1155	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C	;	1	Х				\Box			
				1	Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1		Х	Х		$\neg \uparrow$			
			4	<u>L.</u>	Grab	Wwater	Plastic	8 oz	HNO3 to pl	H <2	1				Х	$\neg \uparrow$			
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Relinquished By: (Signatu	ure and Printed I	Name)	Date	Time	Received By: (Sig	nature and Printed	Name)		Date	Time	e	Used? Turna	? around:	4		Intact	?		
Relinguished By: (Signate	ire and Printed I	Name)	. Datal	Time	Possived for Lab	Du (Cianalus and	District					Regul		Ů		Speci			
DallePR	-CEDA	Name) AND PIERCE	7/28/21	1640	1/mm	By: (Signature and	Printed Name HIDW	v	Date) 74/21	lo40			sampl Yes	les pro	perly i		ved: Vo		
				(00 1 11 10)		Fløw Da	ata <i>j</i>	Fjeld Test	7. Time	Analys	st	Resu	ult	Resu		Ĺ	Jnits		
Comments: N	d(48.HW),	50.15), Cu(29.HW), Z Pb(82.HW), 00.MD	n(30.HVV), A	(s(33.HW), 3	Se(34.HW)	Analyst: Time:		pH: Conduct:	1620	BA		744	厾	Z		S.U. UMH	<u>08</u>		
						Reading:			1 8) 4.0	1700				141		2 1411 1			\exists
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2111010350 Customer Name : CLINTON, EAST IW

Customer/Permit No. : 619 / AR0048836 001

Report Date : 12/15/21

Sample Date : 11/15/21 Sample Time : 1010

Sample Type : GRAB WWATER
Sample From : IRRIGATION WATER

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Analysi	<u>.s</u>			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
11/17 0935 SLL	BOD, 5-day	22.8 mg/L	ı		SM 2011 5210 B	4.33	108.0 *
11/23 1104 SLL	Ammonia as N, (HACH/SM)	8.23 mg/L	i		SM 2011 4500-NH3-G	0.00	103.0 *
11/29 0550 NTR	Total Kjeldahl Nitrogen	15.1 mg/L	ı		02/2014 HACH 10242	4.17	96.0 *
11/15 1015 JGK	рН	8.0 S.U.			SM 2011 4500-H+B	0.00	N/A *
11/18 0000 NTR	Copper	< 0.0200 mg/L	i		EPA 200.8	0.44	96.6 *
11/18 0000 NTR	Zinc	< 0.0500 mg/L	1		EPA 200.8	0.96	90.0 *
11/18 0000 NTR	Arsenic	< 0.0100 mg/L	i		EPA 200.8	0.01	88.6 *
11/18 0000 NTR	Selenium	< 0.0150 mg/L	ı		EPA 200.8	1.70	89.7 *
11/15 1015 JGK	Electric Conductivity	215.00 umhc	/c		EPA 9050A(MOD)	0.00	100.0 *
11/18 0000 NTR	Cadmium	< 0.0200 mg/L	i		EPA 200.8	0.44	87.0 *
12/14 1200 NTR	Mercury	< 0.0050 mg/L	ı		EPA 245.1	4.45	81.6 *
11/18 0000 NTR	Lead	< 0.0100 mg/L	Ì		EPA 200.8	0.25	93.1 *
12/01 1000 NTR	Nitrate + Nitrite	4.11 mg/L	1		HACH 10206	5.29	95.5

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Signature



 $^{^{\}star}$ QA data shown is from a different sample or standard on the same date.

mental Services Company, Inc.
Corporate Office

13715 West Markham Little Rock, AR 72211 P.O. Box 55146

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	C	lient Information				Pi	roject Inf	ormation					Rec	ues	ted	Para	met	ers
Client:		Clinton, East IW			Permit/Pro	ject #:		AR00488	336									
Address:		P.O. Box 277			Purchase	Order #:												
		Clinton, AR 72031			Work Orde	er#							<u></u>					
Phone:		501-745-4320			Sampler N	ame(s):	TIME	mouns d	\`\.1	***************************************			02(6					
Fax:		501-745-2164			1	. ,			<u> </u>				Z +		ents			
Contact:		Mr. Phil Graham			and Signa	ture(s):	\overline{O}						NO3		omn			
ESC Client Numb		619	***************************************		1		\mathcal{T}				\neg		ξ,		ee C			
		tification		Sample	Collection		ĺ	Sample (Containers	<u> </u>		D(3.)	N (15)	16.C	ls (S			
Identification		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	T		#	BOD	NH3-N(15.A), NO3 + NO2(91.)	TKN(16.C)	Metals (See Comments)			
		2111010350	1415121	1010	Grab	Wwater	Plastic	1 Liter	Cool ≤ 6° C		1	X		<u> </u>	-		\neg	\top
irigation	vator	10111010 3-70	14(13112)	100	Grab	Wwater	Plastic	8 oz	Cool ≤ 6° C, H2SO4 to pH <2		1		Х	х			$\neg $	
			十二	十上	Grab	Wwater	Plastic	8 oz	HNO3 to p	H <2	1				Х	$\neg \dagger$	_	_
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Relinquished By: (Signature	and Printed	Name)	Date	Time	Received By: (Si	gnature and Print	ed Name)	<u> </u>	Date	Tim	e	Custo	ody Se	als:				
	15:			Time	Received By: (Si		N		Date	Tim		Used	? around	NA		Intact		
Relinquished By: (Signature	and Printed	(Name)	Date	ime	Received By: (5)	gnature and Print	ed Name)		Date	Lim	- 1	Regu	1			Speci	al	7
Refinqu)shed By: (Signature			Date	Time	Received for Lab			e)	Date (1/1/2)	Tim 1600	е			les pr	operly	preser	grane	
J.10. J	' The	ench //	11(15/21	1600	Jun Um	Janus Telow I	Data	Field Test	Time	Analys	st	Resi	Yes ult	Resu	ılt		o Inits	
Comments: Met	tals: Hg	(50.15), Cu(29.HW),	Zn(30.HW),	As(33.HW),	Se(34.HW)	Analyst:		рН:	1015	TV	-	8-		8.0	0	S.U.		
Cd((48.HW)	, Pb(82.HW), 00.MD				Time: Reading:		Conduct356	1015	Di		21.	Σ	219	5	U MH	os	
						Units:												
									1633 Jari	SAT		This	Doc	ume	nt is	Page	70	of



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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010321

Customer Name : CLINTON, EAST 001

Customer/Permit No. : 495 / AR0048836 001

Report Date : 03/25/21

Composite Date: 03/17/21 -03/18/21

Sample Time : 1000-1000/1350(03/18

Sample Type : COMP/GRAB WWATER Sample From : FINAL EFFLUENT

Collected By: PHIL GRAHAM/HMK

Delivery By : HMK

Work Order : Purchase Order :

Analysis		<u>Laboratory Analysis</u>				Assurance
Date Time By	Parameter	Result Notes	0	75 13 3	Precision	Accuracy
			Quantity	<u> Method</u>	% RPD	% Recovery
	Dissolved Oxygen	$9.30~{ m mg/L}$	86.80 #/day	HACH 10360 R1.2	0.11	N/A *
		1.38 mg/L	12.88 #/day	SM 2011 4500-NH3-G	0.78	101.0 *
03/18 1350 HMK	рH	8.2 S.U.	•	SM 2011 4500-H+B	0.00	N/A *
03/23 0940 ZWA	Solids, Total Suspended	< 2.50 mg/L	23.33 #/dav	SM 2011 2540 D	33.29	N/A *
03/18 1805 EDA	E. Coliforms	< 1.0 /100ml		06/2012 Colilert18		N/A
03/18 1805 EDA	Fecal Coliform	< 1.0 /100ml				,
		•		06/2012 Colilert18	0.00	N/A *
03/19 0917 EDA	BOD, Carbonaceous	< 2.0 mg/L	18.67 #/day	SM 2011 5210 B	14.63	127.0 *
				1		

Flow 1.120000 MGD

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^{*} QA data shown is from a different sample or standard on the same date.

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Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	(Client Information				Pr	oject Int	formatior)		T	1	Req	ues	ted	Par	ame	eters	
Client:		Clinton, East 001			Permit/Pro	ject #:		AR0048	836								\Box	T	
Address:		P.O. Box 277			Purchase (Order #:								E)					
		Clinton, AR 72031			Work Orde	er#				***************************************				Coli(43.1E)					
Phone:		501-745-4320			Sampler N	ame(s):	Phil	brohan			\dashv			Щ					
Fax:		501-745-2164				. ,	Hay	don 11	allo	*****	\neg	<u></u>							
Contact:		Mr. Phil Graham			and Signati	ure(s):	00.	0 1			_	32(28		(43.					
ESC Client Nu	mber:	495 (3X per week)	······				1	The said	<u> </u>	***************************************		2	8	Coliform (43.1F)					
San	nple Iden			Samp	le Collection		T 1/4	Sample (Containers			5	J(15.	Soli					
Identifica	tion	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Ţ		#	CBOD(70.), TSS(28.)	ŅH3-N(15.A)	Fecal					
Final Efflo	uent	155,0105015	3-17-21	10 Am	24Hr. Comp	Wwater	Plastic	1/2 Gal	Cool < 6° C	-	-	X	Z			\dashv	\dashv		******
7		1	3/10/01	10.AM	24Hr. Comp	Wwater	Plastic	<u> </u>	Cool ≤ 6* C, H2SO4 to pH <2	<u>_</u>	1	쉬	$\overline{}$	\dashv	\dashv	\dashv	\dashv	-	
			3/8/21	1360		Wwater	1	8 oz	 		1	\dashv	Х	\exists	\dashv	-+			
			1/2/01	100	Glab	vvwater	Plastic	100mls	Cool ≤ 6 °C	- -	2	\dashv	\dashv	X	\dashv	\dashv	\dashv	_	
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Relinquished By: (Signat	un phil		3-17-21 Date	10 Am	Handler	- Kelly	, <i>H</i>	MP p classic	3/18/21	1354		sed?			-	Intact	? [
		,	Date	Time	Received/By: (Sign	nature and Printed	Name)		Date	Time		urnar egula	round:	Ū⁄	/	Speci	- F		
Relinguished By. (8)gnat		11/	Date	Time	Received for Lab B				Date	Time			sample	es pro					-
Hay de	· Kelly	#	3/18/21	[13:	Miller	/ Beyon Flow Da		Field Test	3/18/74 Time	[75] Analyst		esul	Yes (Result			lo Jnits	丄	_
Comments:				M		Analyst: I-W	ر آگ	Grab pH:	1369	Hul		الر.		8.1°		S.U.	mits		_
	·····	***************************************				Time: 1351 Reading: 1,1	2	Grab DO:	<u> </u>	T.		1.3		9.8					
						Units: MG1	<u>+</u> ()	E Coli Start	1805	EDA	+		+		+				_
								Fecal Start:	1805	EDA	T	his I	Docu	ımen	t is F	² age		<u></u>	

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2101010237 Composite Date: 01/17/21 -01/18/21 Customer Name : CLINTON, EAST 001 Sample Time : 0900-0900/0900(01/18

Customer/Permit No. : 495 / AR0048836 001

Collected By: WGW Delivery By : WGW Work Order :

Report Date : 02/10/21

Sample Type : COMP/GRAB WWATER Sample From : FINAL EFFLUENT Purchase Order :

Analysis		Laboratory Analysis				Assurance
Analysis Date Time By 01/18 0905 WGW 01/21 1100 AKA 01/18 0905 WGW 01/20 1020 AKA 01/19 0845 EDA 01/18 1653 BXW 01/18 1650 BXW 02/10 1247 KNM 01/20 0638 BXW	Phosphorus, Total (as P) Solids, Total Suspended E. Coliforms Fecal Coliform Cadmium		Ouantity 96.29 #/day 69.85 #/day 6.21 #/day 78.00 #/day 0.05 #/day 17.33 #/day	H/SM 11 10205/4500 SM 2011 4500-H+B HACH 10209	Precision % RPD 0.00 3.44 0.00 1.25 22.39 0.00	Accuracy % Recovery N/A 97.2 * N/A 112.0 N/A * N/A N/A 109.1
01/19 1015 AKA	Nitrate + Nitrite	0.45 mg/L	3.90 #/day	HACH 10206	9.23	88.0 102.0 *

Flow 1.040000 MGD

N3 The sample detection is too low to permit accurate quantification, but estimated concentration is less than the laboratory PQL and greater than the laboratory method detection limit. * QA data shown is from a different sample or standard on the same date.

- (b) Exceeds Permit Limits for Average Concentration
- (c) Exceeds Permit Limits for Average Quantity

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Phone: 501-221-2565 Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	С	lient Information				Pro	oject Inf	ormation					Req	ues	ted	Paran	nete	rs
Client:		Clinton, East 001			Permit/Pro	ject #:		AR00488	836									
Address:		P.O. Box 277			Purchase (Order #:								3.IE				
-		Clinton, AR 72031			Work Orde	er#								Coli(43.IE)				
Phone:		501-745-4320			Sampler N	ame(s):	Willia	130/ 20	loughb	1				E.C				
Fax:		501-745-2164				, ,		ininklitid I	1 197			8.)		.IF),	<			
Contact:		Mr. Phil Graham		·	and Signat	ure(s):	101.00 in	N: 10 punt	Alu/			SS(28.)		า (43	KNM			
ESC Client Nu		495 (3X per week)	······································	······································			W. C. C.	1 /2 47 · 3p	1/			0.), T	(A.	iforn	\mathcal{Z}			
San	nple Ident			Sample	Collection		l	Sample (Container	S	_	7)(N(15	Col	× 1			
Identifica		ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	CBO	NH3-N(15.A)	Fecal Coliform (43.1F),	7			
Final Effl	uent W	2+010+6250	117/1-1/19/01	0900-0960	24Hr. Comp	Wwater	Plastic	1/2 Gal	Cool ≤ 6° (1	X					\dagger	1
1		401010237	" L "	\1 L "	24Hr. Comp	Wwater	Plastic	8 oz	Cool < 6° C, H2SO4 to pH <2		1		х				1	
		1	1/18/21	0900	Grab	Wwater	Plastic	100mls	Cool <10° C. Na2S2O3		2		7.	Х			\dagger	+
		1	. / .	C400-E900	24 HRComp		l	80Z	HN03 F	1/2					$\overline{\mathbf{X}}$		+	+
			711194	0.00 0.00	21 TRACTO	Worker	PATIC	802	H-1003 !	711-6	_						+	+
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Who I was a	Toma	n Willondust	TUDIE	11660	January 1	Benjam.		Field Test	1/18/21 Time	1626 Analys		Resu	Yes ilt	√ Resu	lt	No Uni	ts	$ldsymbol{\sqcup}$
Comments:					可尖尖面	Analyst:		Grab pH:	0905	WEW		8.0)	8.0	}	S.U.		
	***************************************		·			Time: Reading:		Grab DO:	0905	MOM		11.1	lacksquare	11.1		mg/L		
Metals	s aliau	oted from ('amposi-	12 P	77 7 13	Units:		E Coli Start	1653	BXU								
ILNA	\							Fecal Start:	1650	BXW		This	Doc	ume	nt is	Page <u>1</u>	of l	



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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010415

Customer Number: 3004

Customer Name: CLINTON, EAST 40.24 LA PB 3

Report Date : 04/24/21

Sample Date : 03/19/21

Sample Time : 1155

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB3

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order:

	<u>L</u>	aboratory Analysi:	<u>s</u>			Quality 1	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	<u> Method</u>	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.1800 mg/kg	g		SM 1997 4500-NH3 C	7.21	96.3 *
04/13 1809 KNM	Mercury	0.0800 mg/Kg			SW846 7474 02/07	15.92	97.4
03/25 1345 EDA	Nitrate Nitrogen	718.350 mg/kg			SM 2000 4500-NO3 E	3.28	101.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	1.9745 mg/kg			EPA 365.3	5.65	100.0 *
04/16 1121 KNM	Magnesium	799.24 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1121 KNM	Potassium	743.67 mg/Kg	g		SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	6.40 S.U.			SW846 9045C	3.08	N/A
04/16 1121 KNM	Nickel	18.889 mg/Kg	g '		SW-846 6020A	4.01	108.4 *
04/16 1121 KNM	Copper	7.359 mg/Kg	g		SW-846 6020A	3.04	109.8 *
04/16 1121 KNM	Zinc	44.201 mg/Kg	g		SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	13.10 mg/kg	3		SM1997 4500 N		
04/16 1121 KNM	Arsenic	6.632 mg/Kg	g		SW-846 6020A	2.43	107.4 *
04/16 1132 KNM	Selenium	1.274 mg/Kg	3		SW-846 6020A	2.98	103.8 *
04/19 1550 ZWA	Specific Conductance	213.6459 umhos	3		EPA (MOD) 9050A	7.20	87.5
04/16 1132 KNM	Molybdenum	1.320 mg/Kg	3		SW-846 6020A	1.18	108.3 *
04/16 1121 KNM	Cadmium	< 0.017 mg/Kg	ā -		SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	74.441 %			SM 1997 2540 G	0.44	N/A *
04/16 1121 KNM	Lead	15.942 mg/Kg	3		SW-846 6020A	3.42	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	14.2506 meg			EPA 9081		
04/17 0800 KNM	Sodium Absorption Ratio	0.1777 Ratio)		AGRN 724		
* QA data sho	wn is from a different sampl	e or standard on t	the same	date.			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010416

Customer Name : CLINTON, EAST 40.24 LA PB 30

Customer Number: 3003

Report Date: 04/24/21

Sample Date : 03/19/21 Sample Time : 1210

Sample Type : GRAB SOIL

Sample From : EAST LA 40.24 PB30

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

	<u>L</u> ā	boratory Analysis				Quality 1	<u>Assurance</u>
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.3120 mg/kg			SM 1997 4500-NH3 C	7.21	96.3 *
04/13 1809 KNM	Mercury	0.1530 mg/Kg			SW846 7474 02/07	15.92	97.4 *
03/25 1345 EDA	Nitrate Nitrogen	75.810 mg/kg			SM 2000 4500-NO3 E	3.28	101.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	1.1125 mg/kg			EPA 365.3	5.65	100.0 *
04/16 1127 KNM	Magnesium	1745.20 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1127 KNM	Potassium	1146.90 mg/Kg			SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	6.90 S.U.			SW846 9045C	3.08	N/A *
04/16 1127 KNM	Nickel	31.567 mg/Kg			SW-846 6020A	4.01	108.4 *
04/16 1127 KNM	Copper	20.893 mg/Kg			SW-846 6020A	3.04	109.8 *
04/16 1127 KNM	Zinc	114.311 mg/Kg			SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	23.80 mg/kg			SM1997 4500 N		
04/16 1127 KNM	Arsenic	12.436 mg/Kg			SW-846 6020A	2.43	107.4 *
04/16 1132 KNM	Selenium	3.439 mg/Kg			SW-846 6020A	2.98	103.8 *
04/19 1550 ZWA	Specific Conductance	299.7150 umhos			EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	3.628 mg/Kg			SW-846 6020A	1.18	108.3 *
04/16 1127 KNM	Cadmium	< 0.047 mg/Kg			SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	28.816 %			SM 1997 2540 G	0.44	N/A *
04/16 1127 KNM	Lead	24.773 mg/Kg			SW-846 6020A	3.42	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	32.4005 meg			EPA 9081		, , , , ,
04/17 0800 KNM	Sodium Absorption Ratio	0.4248 Ratio			AGRN 724		
* QA data sho	wn is from a different sample	or standard on the	ne same	date.			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010417

Customer Name: CLINTON, EAST 55.57 LA PB 10

Customer/Permit No. : 511 / AR0048836 001

Report Date : 04/24/21

Sample Date : 03/19/21

Sample Time : 1115

Sample Type : GRAB SOIL Sample From : EAST LA 55.57 PB10

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

		Laboratory Analysis				Quality	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.4100 mg/kg			SM 1997 4500-NH3 C	7.21	96.3 *
04/07 1818 KNM	Mercury	< 0.0450 mg/Kg			SW846 7474 02/07	19.02	80.9 *
03/25 1345 EDA	Nitrate Nitrogen	176.080 mg/kg			SM 2000 4500-NO3 E	3.28	101.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	0.5872 mg/kg	•		EPA 365.3	5.65	100.0 *
04/16 1132 KNM	Magnesium	589.61 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1132 KNM	Potassium	458.23 mg/Kg			SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	6.80 S.U.			SW846 9045C	3.08	N/A *
04/16 1132 KNM	Nickel	9.919 mg/Kg			SW-846 6J20A	4.01	108.4 *
04/16 1132 KNM	Copper	5.095 mg/Kg			SW-846 6020A	3.04	109.8 *
04/16 1132 KNM	Zinc	28.706 mg/Kg			SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	8.11 mg/kg			SM1997 4500 N		
04/16 1132 KNM	Arsenic	3.628 mg/Kg			SW-846 6020A	2.43	107.4 *
04/16 1132 NTR	Selenium	1.781 mg/Kg			SW-846 6020A	2.98	108.5 *
04/19 1550 ZWA	Specific Conductance	221.7245 umhos			EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	1.677 mg/Kg			SW-846 6020A	1.18	108.3 *
04/16 1132 KNM	Cadmium	< 0.024 mg/Kg			SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	72.108 %			SM 1997 2540 G	0.44	N/A *
04/16 1132 KNM	Lead	9.206 mg/Kg			SW-846 6020A	3.42	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	10.3785 meg			EPA 9081		
04/17 0800 KNM	Sodium Absorption Ratio	0.2123 Ratio			AGRN 724		
* QA data sho	wn is from a different samp	le or standard on t	he same d	date.			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010418

Customer Name : CLINTON, EAST 55.57 LA PB 3

Customer Number: 3002 Report Date : 04/24/21

Sample Date : 03/19/21 Sample Time: 1125

Sample Type : GRAB SOIL

Sample From : EAST LA 55.57 PB3

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order:

	<u>L</u> .	aboratory Analysis	<u>.</u>			Quality 2	<u>Assurance</u>
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.6620 mg/kg	ſ		SM 1997 4500-NH3 C	7.21	96.3 *
04/07 1818 KNM	Mercury	< 0.0310 mg/Kg	ſ		SW846 7474 02/07	19.02	80.9 *
03/25 1345 EDA	Nitrate Nitrogen	202.960 mg/kg	ſ		SM 2000 4500-NO3 E	3.28	101.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	2.3153 mg/kg	ſ		EPA 365.3	5.65	100.0 *
04/16 1207 KNM	Magnesium	752.59 mg/Kg	ſ		SW-846 6020A	6.29	110.8 *
04/16 1207 KNM	Potassium	526.50 mg/Kg	ſ		SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	6.90 S.U.			SW846 9045C	3.08	N/A *
04/16 1207 KNM	Nickel	13.158 mg/Kg			SW-846 6020A	4.01	108.4 *
04/16 1207 KNM	Copper	5.939 mg/Kg			SW-846 6020A	3.04	109.8 *
04/16 1207 KNM	Zinc	39.203 mg/Kg			SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	7.21 mg/kg			SM1997 4500 N		
04/16 1207 KNM	Arsenic	4.459 mg/Kg	ſ		SW-846 6020A	2.43	107.4 *
04/16 1132 KNM	Selenium	2.218 mg/Kg	ſ		SW-846 6020A	2.98	103.8 *
04/19 1550 ZWA	Specific Conductance	199.6038 umhos	1		EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	1.950 mg/Kg			SW-846 6020A	1.18	108.3 *
04/16 1207 KNM	Cadmium	< 0.028 mg/Kg	!		SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	76.030 %			SM 1997 2540 G	0.44	N/A *
04/16 1207 KNM	Lead	9.530 mg/Kg	•		SW-846 6020A	3.42	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	12.7056 meq			EPA 9081		
04/17 0800 KNM	Sodium Absorption Ratio	0.3140 Ratio	ı		AGRN 724		
* QA data sho	wn is from a different sample	e or standard on t	he same	date.			

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Sample Date : 03/19/21

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010419

Customer Name : CLINTON, EAST 55.57 LA PB 30

Customer Number: 3001

Report Date : 04/24/21

Sample Type : GRAB SOIL

Sample Time : 1140

Sample From : EAST LA 55.57 PB30

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order:

		Laboratory Analysis	: :			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.1960 mg/kg			SM 1997 4500-NH3 C	7.21	96.3 *
04/07 1818 KNM	Mercury	< 0.0440 mg/Kg			SW846 7474 02/07	20.56	80.9 *
03/25 1345 EDA	Nitrate Nitrogen	291.360 mg/kg			SM 2000 4500-NO3 E	3.28	101.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	1.4577 mg/kg			EPA 365.3	5.65	100.0 *
04/16 1156 KNM	Magnesium	612.17 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1156 KNM	Potassium	693.62 mg/Kg			SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	6.60 S.U.			SW846 9045C	3.08	N/A *
04/16 1156 KNM	Nickel	10.643 mg/Kg			SW-846 6020A	4.01	108.4 *
04/16 1156 KNM	Copper	3.656 mg/Kg			SW-846 6020A	3.04	109.8 *
04/16 1156 KNM	Zinc	25.087 mg/Kg			SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	8.56 mg/kg			SM1997 4500 N	•••	30.0
04/16 1156 KNM	Arsenic	4.508 mg/Kg			SW-846 6020A	2.43	107.4 *
04/16 1132 KNM	Selenium	2.247 mg/Kg			SW-846 6020A	2.98	103.8 *
04/19 1550 ZWA	Specific Conductance	245.5300 umhos			EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	1.977 mg/Kg			SW-846 6020A	1.19	108.2 *
04/16 1156 KNM	Cadmium	< 0.028 mg/Kg			SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	70.386 %			SM 1997 2540 G	0.44	N/A *
04/16 1156 KNM	Lead	10.051 mg/Kg			SW-846 6020A	3.42	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	55.6369 meg			EPA 9081	J. 12	100.0
04/17 0800 KNM	Sodium Absorption Ratio	0.0676 Ratio			AGRN 724		
* QA data sho	wn is from a different samp	le or standard on th	he same da	ate.			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010420

Customer Name : CLINTON, EAST LA AIRPORT9

Customer Number : 2959

Report Date : 04/24/21

Sample Date : 03/19/21

Sample Time : 1250

Sample Type : GRAB SOIL

Sample From : EAST LA AIRPORT9

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

_		Laboratory Analysis				Ouality	Assurance
Analysis						Precision	Accuracy
Date Time By	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	4.2550 mg/kg			SM 1997 4500-NH3 C	7.21	96.3 *
04/07 1818 KNM	Mercury	< 0.0440 mg/Kg			SW846 7474 02/07	20.56	80.9 *
03/25 1345 EDA		323.640 mg/kg			SM 2000 4500-NO3 E	3.28	101.0
04/14 0745 KNM		< 0.2567 mg/kg			EPA 365.3	5.65	100.0 *
04/16 1202 KNM	Magnesium	396.40 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1202 KNM	Potassium	375.01 mg/Kg			SW-846 6020A	4.78	97.3 *
03/23 1550 ZWA	pH Soil	7.10 S.U.			SW846 9045C	3.08	N/A *
04/16 1202 KNM	Nickel	8.489 mg/Kg			SW-846 6020A	4.01	108.4 *
04/16 1202 KNM	Copper	3.528 mg/Kg			SW-846 6020A	3.04	109.8 *
04/16 1202 KNM	Zinc	16.986 mg/Kg			SW-846 6020A	3.11	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	6.12 mg/kg			SM1997 4500 N	3.11	90.0 "
04/16 1202 KNM	Arsenic	3.933 mg/Kg			SW-846 6020A	2.43	107.4 *
04/16 1132 KNM	Selenium	1.682 mg/Kg			SW-846 6020A	19.97	108.5
04/19 1550 ZWA	Specific Conductance	97.4922 umhos			EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	1.473 mg/Kg			SW-846 6020A	1.19	108.2 *
04/16 1202 KNM	Cadmium	< 0.021 mg/Kg			SW-846 6020A	3.65	107.8 *
03/22 1124 ZWA	Solids, % Total	77.862 %			SM 1997 2540 G	0.44	
04/16 1202 KNM	Lead	7.595 mg/Kg			SW-846 6020A	3.42	N/A *
04/17 0800 KNM	Cation Exchange Capacity	9.2592 meq			EPA 9081	3.42	106.6 *
04/17 0800 KNM	Sodium Absorption Ratio	0.1891 Ratio			AGRN 724		
		07.037 114010			AGM /24		
* QA data sho	wn is from a different samp	le or standard on th	ne same o	date.			

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Signature

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010421

Customer Name : CLINTON, EAST LA WD13

Customer Number: 2960

Report Date : 04/24/21

Sample Date : 03/19/21

Sample Time: 1320

Sample Type : GRAB SOIL Sample From : EAST LA WD13

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order:

		Laboratory Analysis				Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
04/14 1220 AKA	Ammonia Nitrogen	0.0290 mg/kg			SM 1997 4500-NH3 C	7.21	96.3 *
04/07 1818 KNM	Mercury	0.0560 mg/Kg			SW846 7474 02/07	19.02	80.9 *
03/24 1600 EDA	Nitrate Nitrogen	6.564 mg/kg			SM 2000 4500-NO3 E	0.54	100.0 *
04/14 0745 KNM	Phosphorous, Total (as P)	0.1101 mg/kg			EPA 365.3	4.67	100.0
04/16 1213 KNM	Magnesium	735.81 mg/Kg			SW-846 6020A	6.29	110.8 *
04/16 1213 KNM	Potassium	674.19 mg/Kg			SW-846 6020A	15.19	97.3 *
0 3/23 1550 ZWA	pH Soil	6.80 S.U.			SW846 9045C	3.08	N/A *
04/16 1213 KNM	Nickel	13.396 mg/Kg			SW-846 6020A	4.92	108.4 *
04/16 1213 KNM	Copper	4.988 mg/Kg			SW-846 6020A	3.61	109.8 *
04/16 1213 KNM	Zinc	31.241 mg/Kg			SW-846 6020A	5.01	96.8 *
04/24 0800 KNM	Nitrogen, Plant Available	5.37 mg/kg			SM1997 4500 N		
04/16 1213 KNM	Arsenic	5.415 mg/Kg			SW-846 6020A	2.93	107.4 *
04/16 1132 KNM	Selenium	2.699 mg/Kg			SW-846 6020A	19.97	108.5 *
0 4/19 1550 ZWA	Specific Conductance	402.1440 umhos			EPA (MOD) 9050A	7.20	87.5 *
04/16 1132 KNM	Molybdenum	2.538 mg/Kg			SW-846 6020A	1.19	108.2 *
04/16 1213 KNM	Cadmium	< 0.038 mg/Kg			SW-846 6020A	3.70	107.8 *
03/22 1124 ZWA	Solids, % Total	76.395 %			SM 1997 2540 G	0.44	N/A *
04/16 1213 KNM	Lead	9.896 mg/Kg			SW-846 6020A	4.02	106.6 *
04/17 0800 KNM	Cation Exchange Capacity	12.8939 meg			EPA 9081		
04/17 080 KNM	Sodium Absorption Ratio	0.2225 Ratio			AGRN 724		
* QA data sho	wn is from a different samp	le or standard on t	he same	date.	į		

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Signature

En√

mental Services Company, Inc. Corporate Office

13715 West Markham Little Rock, AR 72211 P.O. Box 55146

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565

Fax: 501-221-1341



Springdale, Arkansas 479-750-1170

Carlsbad, New Mexico 575-887-1ESC

CHAIN OF CUSTODY

	(Client Information				Pr	oject In	formatior]			Requested Parame					eters	IDECEDIO	
Client:		Clinton, City of (Ea	st Land Ap	p)	Permit/Pro	oject #:													
Address:		P.O. Box 277			Purchase	Order #:							6						
_		Clinton, AR 72031			Work Ord	er#			3.0			ts)	\$(01	35.M	ĝ				
Phone:		501-745-4320			Sampler N	Name(s):	Han	Jan	La lla	•		ueu	Pho	nd(3	33.4				
Fax:		Mr. Phil Graham			1	` ,	1-16					Comments)	Nitrogen(01.3), Phos(01.9)	Ö	PAN(33.AN)				
Contact:		501-745-2164			and Signa	ture(s):	-n	7		······			n(0)	Spe					
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Identifica	tion	ESC Control #	Date	Time	Туре	Matrix	Туре	Volume	Preserva		#	Metals	Nitrate	Soil pH(23.S), Spec Cond(35.M)	Amr				
East LA 40.24 PB:	3 (3004)	2103010415	3/19/21	1155	Grab	Soil	Glass	1 Liter	Cool ≤ 6° (1	<u>-</u>	X	X	Х				
East LA 40.24 PB:	30 (3003)	2103910416	į	1210	Grab	Soil	Glass	1 Liter	Cool ≤ 6° (1	Х	Х	X	Х				
East LA 55.57 PB	10 (511)	2103010417		1115	Grab	Soil	Glass	1 Liter	Cool ≤ 6° (1	Х	Х	X	X				******
East LA 55.57 PB3	3 (3002)	2103010418		1125	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	Х	х	х	X	$\neg \uparrow$			
East LA 55.57 PB3	30 (3001)	2103010419		1140	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	Х	Х	Х	X				
East LA Airport9 (2	2959)	2103010420		1250	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	Х	Х	Х	x				
East LA WD13 (29	60)	2103010471	ىلى	1320	Grab	Soil	Glass	1 Liter	Cool ≤ 6° C		1	X	Х	Х	X				
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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010411

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 04/08/21

Sample Date : 03/19/21

Sample Time : 1100

Sample Type : GRAB WELL Sample From : CLINTON WELL #13 Collected By: HMK Delivery By: HMK

Work Order : Purchase Order :

	<u>I</u>	Laboratory Analys	<u>is</u>			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	<u>Notes</u>	Quantity	Method	% RPD	% Recovery
03/23 1330 EDA	Chloride (as Cl)	9.9 mg/	L		SM 2011 4500 Cl C	0.00	89.9 *
03/19 1100 HMK	рН	6.5 S.U	•		SM 2011 4500-H+B	0.00	N/A
03/30 1542 BXW	Solids, Total Dissolved	249.0 mg/	L		SM 2011 2540 C	5.41	N/A *
03/19 1100 HMK	Spec. Conductance @ 25 C	213.000 umh	o/c		EPA 120.1	0.00	N/A
03/22 1331 BXW	Nitrate + Nitrite	0.55 mg/	L		HACH 10206	0.80	103.0
03/19 1100 HMK	Well Depth, Total	15.33 Fee	t			N/A	N/A
03/19 1100 HMK	Depth to Water	9.75 Fee	t			N/A	N/A
						,	21, 22

* QA data shown is from a different sample or standard on the same date.

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Signature

Environmental Services Co., Inc.

CNM

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010412

Customer Name : CLINTON. EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 04/08/21

Sample Date : 03/19/21

Sample Time : 1045

Sample Type : GRAB WELL

Sample From : CLINON WELL #14

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

		Laboratory Analysis		Quality I	Assurance
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Quant	<u>ity</u> Method	% RPD	% Recovery
	Chloride (as Cl)	< 0.5 mg/L	SM 2011 4500 Cl C	0.00	89.9 *
03/19 1045 HMK		5.9 S.U.	SM 2011 4500-H+B	0.00	N/A *
	Solids, Total Dissolved	164.0 mg/L	SM 2011 2540 C	0.60	N/A *
	Spec. Conductance @ 25 C	123.000 umho/c	EPA 120.1	0.00	N/A *
03/22 1331 BXW	Nitrate + Nitrite	7.73 mg/L	HACH 10206	0.80	103.0 *
	Well Depth, Total	13.08 Feet		N/A	N/A
03/19 1045 HMK	Depth to Water	9.33 Feet		N/A	N/A

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^{*} QA data shown is from a different sample or standard on the same date.

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010413

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 04/08/21

Sample Date : 03/19/21

Sample Time :

Sample Type : NO FLOW

Sample From :

Collected By: Delivery By:

Work Order : Purchase Order :

		Quality 1	<u>Assurance</u>			
Analysis <u>Date</u> <u>Time</u> <u>By</u> 03/19	Parameter No Flow	Result 0	<u>Notes</u> <u>Quantity</u>	Method	Precision % RPD N/A	Accuracy <u>% Recovery</u> N/A

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc

KNM

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2103010414

Customer Name : CLINTON. EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 04/08/21

Sample Date : 03/19/21

Sample Time : 1015

Sample Type : GRAB WELL

Sample From : CLINTON WELL #17

Collected By: HMK Delivery By : HMK

Work Order : Purchase Order :

		Laboratory Analysis			Quality A	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	Parameter	<u>Result</u> <u>Note</u>	<u> Quantity</u>	Method	% RPD	% Recovery
03/23 1330 EDA	Chloride (as Cl)	< 0.5 mg/L		SM 2011 4500 Cl C	0.00	89.9 *
03/19 1015 HMK	рН	5.5 S.U.		SM 2011 4500-H+B	0.00	N/A *
03/30 1542 BXW	Solids, Total Dissolved	64.0 mg/L		SM 2011 2540 C	0.60	N/A *
03/19 1015 HMK	Spec. Conductance @ 25 C	109.000 umho/c		EPA 120.1	0.00	N/A *
03/22 1331 BXW	Nitrate + Nitrite	0.84 mg/L		HACH 10206	0.80	103.0 *
03/19 1015 HMK	Well Depth, Total	17.50 Feet		ļ	N/A	N/A
03/19 1015 HMK	Depth to Water	11.83 Feet			N/A	N/A

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^{*} QA data shown is from a different sample or standard on the same date.



Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): Haydenkelly and Signature:

Sample Date: 3/19/21

Sample Identification (Customer #)		Sample Time:	Depth To Water	Total Well Depth		F	ЭΗ		Sp	ecific C	onducta	nce			erature rees C		CI, TDS (1L Plastic \$ 6 Deg C)	NO3+N O2 (8 oz Plastic H2SO4)
Clinton W	·	-	·	<u></u>	#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	2103010411	1100	9.9"	15′ 4″	65	6.5	6.4	[(@9	13	13	13	1100	12.7	13.4	129	1100	X	х
#14 (508)	2103010412	1045	9414	13′ 1″	5.9	5.9	5.9	126	23	30	29	(光)	11.9	123	120	1045	Х	х
#16 (509)	2103010413	NOFL	00	14′ 0″													x	х
#17 (649)	2103010414	1015	11'10"	17′ 6″	5.5	5.5	5.5	1015	49	49	49	1015	14,7	14.6	14.5	1015		х
															-			
										П								
Relinquished	by: Harden Le	that	Time:	19121	R	leceive	d By La	b: FM	WLF	1			Date	::3/19	9/21		ne: [7/	
Comments	: ' /	7							-1	,					<u> </u>		····· V	

NXW

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2106010566

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 06/28/21

Sample Date : 06/24/21

Sample Time : 0850

Sample Type : GRAB WELL WATER Sample From : WELL#13

Collected By: WGW Delivery By: WGW

Work Order: Purchase Order:

		Laboratory Analysis				Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
06/28 1035 BXW	Chloride (as Cl)	4.9 mg/L			SM 2011 4500 Cl C	0.00	100.0 *
06/24 0855 WGW	рН	7.2 S.U.			SM 2011 4500-H+B	0.00	N/A *
06/25 1020 AKA	Solids, Total Dissolved	56.7 mg/L			SM 2011 2540 C	6.14	N/A *
06/24 0855 WGW	Spec. Conductance @ 25 C	1027.000 umho/	С		EPA 120.1	0.00	N/A *
06/28 0913 EJD	Nitrate + Nitrite	1.53 mg/L			HACH 10206	0.27	99.0 *
06/24 0855 WGW	Well Depth, Total	15.40 Feet				N/A	N/A
06/24 0855 WGW	Depth to Water	13.50 Feet				N/A	N/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

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Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2106010567

Customer Name : CLINTON, EAST GW14

Customer/Permit No. : 508 / AR0048836 001

Report Date : 06/28/21

Sample Date : 06/24/21

Sample Time : 0910

Sample Type : GRAB WELL WATER Sample From : WELL #14

Collected By: WGW Delivery By : WGW

Work Order : Purchase Order :

					1	
		Laboratory Analysis			Quality 1	Assurance
Analysis					Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result Notes	Quantity	Method	% RPD	% Recovery
06/28 1035 BXW	Chloride (as Cl)	< 0.5 mg/L		SM 2011 4500 Cl C	0.00	100.0 *
06/24 0915 WGW	рН	7.2 S.U.		SM 2011 4500-H+B	0.00	N/A *
06/25 1020 AKA	Solids, Total Dissolved	65.0 mg/L		SM 2011 2540 C	6.14	N/A *
06/24 0915 WGW	Spec. Conductance @ 25 C	101.000 umho/c		EPA 120.1	0.00	N/A *
06/28 0913 EJD	Nitrate + Nitrite	0.75 mg/L		HACH 10206	0.27	99.0 *
06/24 0915 WGW	Well Depth, Total	13.10 Feet			N/A	N/A
06/24 0915 WGW	Depth to Water	11.10 Feet			N/A	N/A

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Signature

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Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2106010568

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 07/01/21

Sample Date : 06/24/21

Sample Time : 0900 Sample Type : DRY WELL

Sample From :

Collected By: WGW

Delivery By :

Work Order : Purchase Order :

		Laboratory Analys:	<u>is</u>			Quality I	Assurance
Analysis Date Time By 06/24 0900 WGW	Parameter Dry Well	Result 1.00	<u>Notes</u>	Quantity	<u>Method</u>	Precision <u>% RPD</u> N/A	Accuracy % Recovery N/A

* QA data shown is from a different sample or standard on the same date.

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Signature

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2106010569

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 06/28/21

Sample Date : 06/24/21

Sample Time : 0830

Sample Type : GRAB WEEL WATER Sample From : WELL#17

Collected By: WGW Delivery By : WGW

Work Order : Purchase Order :

		Laboratory Ana	alysis			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes _	Quantity	Method	% RPD	% Recovery
06/28 1035 BXW	Chloride (as Cl)	< 0.5	mg/L		SM 2011 4500 Cl C	0.00	100.0 *
06/24 0835 WGW	рН	7.1	S.U.		SM 2011 4500-H+B	0.00	N/A *
06/25 1020 AKA	Solids, Total Dissolved	60.0	mg/L		SM 2011 2540 C	6.14	N/A *
06/24 0835 WGW	Spec. Conductance @ 25 C	69.200	umho/c		EPA 120.1	0.00	N/A *
06/28 0913 EJD	Nitrate + Nitrite	5.10	mg/L		HACH 10206	0.27	99.0 *
06/24 0835 WGW	Well Depth, Total	17.60	Feet			N/A	N/A
06/24 0835 WGW	Depth to Water	12.60	Feet			N/A	N/A

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Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): William Willoughby and Signature: William Willoughby

Sample Date: 6/24/21

	Laboratory	T	Τ	T	T			Juill		te. vi	-1/01		T				1	
Sample Identification (Customer #	Control	Sample Time:	Depth To Water	Total Well Depth		p	Н		Sp	ecific Co	onducta	nce			erature ees C		CI, TDS (1L Plastic \$ 6 Deg C)	NO3+N O2 (8 oz Plastic H2SO4)
Clinton E		1	-		#1	#2	#3	Time	#1	#2	#3	Time	#1	#2	#3	Time		
#13 (507)	2104010566	6850	13:571	15′ 4″	7.2	7.2	7.2	0853	107.7	107.6	107.4	0855	25	25	25	0855	x	х
#14 (508)	21011010907	0910	1)'1"	13′ 1″	7.2	7.2		0915	1	1	ı	0915	1	25	20	0915	х	х
#16 (509)	2101001050	NoF	(094)	14′ 0′′													X	x
#17 (649)	210601050	0830	12'6"	17′ 6″	7.1	7.1	7.1	0835	64.2	69.2	69.0	6835	25	25	25	0835	X	X
										10 1·L	0.0						^	
				<u></u>														
		······																
Relinquished	by: William Wille	oughby	Time:	1333	Š R	eceive	d By La	b: <i>[M</i>	my	ms	1Pu	Dynu	Date	: 6/z	4/21	Tin	ne:1333	7700
Comments	•	1							11	1								

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2107010261

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 07/30/21

Sample Date : 07/26/21

Sample Time : 1410

Sample Type : GRAB WATER Sample From : WELL#13

Collected By: DMP Delivery By : DMP

Work Order : Purchase Order :

		Laboratory Analysis		Quality A	<u>Assurance</u>
Analysis				Precision	Accuracy
Date Time By	Parameter	Result Notes Qu	antity Method	% RPD	% Recovery
07/30 1410 EJD	Chloride (as Cl)	10.0 mg/L	SM 2011 4500 Cl C	18.18	101.0
07/26 1415 DMP	На	6.3 S.U.	SM 2011 4500-H+B	0.00	N/A *
07/28 1125 AKA	Solids, Total Dissolved	106.7 mg/L	SM 2011 2540 C	3.05	N/A
07/26 1625 DMP	Spec. Conductance @ 25 C	167.000 umho/c	EPA 120.1	0.07	N/A *
07/27 1155 EJD	Nitrate + Nitrite	0.48 mg/L	HACH 10206	3.32	100.0 *
07/26 1410 DMP	Well Depth, Total	15.40 Feet		N/A	N/A
07/26 1410 DMP	Depth to Water	8.10 Feet		N/A	N/A

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Signature

amental Services Company, Inc. Corporate Office

13715 West Markham

Company Name:

ESC Client Number:

Well #13

Relinquished By: (Signature and Printed Name)

Relinquished By: (Signature and Printed Name)

Cool all samples to < 6 degrees C with ice

Address:

Telephone:

Contact:

FAX:

P.O. Box 55146

Client Information

P.O. Box 277

501-745-4320

501-745-2164

Mr. Phil Graham

507

ESC Control #

210701026

Date

Date

Clinton, East GW13

Clinton, AR 72031

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Sample Identification

Phone: 501-221-2565 Fax: 501-221-1341

Environmental Services Com Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Matrix

Water

Water

Analyst:

Reading: Units:

Chlorinated? Y N

Fecal Start:

Time:

Permit/Project #:

Purchase Order #:

Sampler Name(s):

and Signature(s):

Type

Grab

Grab

Sample Collection

Time

Time

Work Order #

Phone 479-750-1170 Fax 479-750-1172 Project Information Requested Parameters AR0048836 Chloride(7.) NO2 +NO3(91.) TDS(27.), Sample Containers # Type Volume Preservative Χ ≤ 6 Deg C **Plastic** 1 Liter Х Plastic H2SO4 1 Liter Received By: (Signature and Printed Name) Custody Seals: Used? Intact? Received By: (Signature and Printed Name) Date Time Turnaround Regular Special Received for Lab By: (Signature and Printed Name) Date Time Were samples properly preserved: my my Burn 176/21 1840 No Flow/ Data Field/Test Time Analyst Result Result Units pH: 5. V. DMP 167.0 167.0 U MHOS Sp Cond:

Total Depth-99.10: H20 Depth - 99.9:

Comments:

This Document is Page

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2107010262

Customer Name : CLINTON, EAST GW14

Sample Date : 07/26/21 Sample Time : 1330

Collected By: DMP

Customer/Permit No. : 508 / AR0048836 001

Delivery By : DMP

Sample Type : GRAB WATER

Work Order :

Report Date : 07/30/21

Sample From : WELL#14

Purchase Order :

		Laboratory Analy	<u>sis</u>			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery
07/30 1410 EJD	Chloride (as Cl)	10.0 mg	/L		SM 2011 4500 Cl C	18.18	101.0 *
07/26 1335 DMP	рН	6.0 S.	U.		SM 2011 4500-H+B	0.00	N/A *
07/28 1125 AKA	Solids, Total Dissolved	80.0 mg	/L		SM 2011 2540 C	3.05	N/A *
07/26 1630 DMP	Spec. Conductance @ 25 C	103.300 um	ho/c		EPA 120.1	0.07	N/A *
07/27 1155 EJD	Nitrate + Nitrite	0.78 mg	/L		HACH 10206	3.32	100.0 *
07/26 1330 DMP	Well Depth, Total	13.10 Fe	et			N/A	N/A
07/26 1330 DMP	Depth to Water	9.45 Fe	et			N/A	N/A

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En\

imental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Phone: 501-221-2565 Fax: 501-221-1341

Environmental Services Com, y, Inc Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

1 Hone. 501-221-2565	1 ax. 501-221-1541		VI.	BA_FRIA				F	none	4/9	-/50	-11/	U Fa	1X 4/9	<i>)-1</i> 50	-1172	
	Client Information				Pr	oject Inf	ormation	Marketinis (1944)		***********		Reg	ueste	d Pai	rame	eters	mican
Company Name:	Clinton, East GW1	4		Permit/Pro	ject #:		AR00488	336	**************************************								
Address:	P.O. Box 277			Purchase	Order #:	***************************************											
	Clinton, AR 72031			Work Orde	er#			***************************************			:						
Telephone:	501-745-4320			Sampler N		Ta	(177)	DIL	DIF	_							
Contact:	Mr. Todd Burgess			Campion 1	idi110(0).	1/31	100				(-)						
FAX:	501-745-2164			and Signa	tura(a):	17	7700		1/		ride(
ESC Client Number:	508	······································		and Signa	iure(s).	1/00	10 PI		4		Chlo	(91.)					
			0 1	<u> </u>		T		~			TDS(27.), Chloride(7.)	+NO3(91.)					
Sample id	lentification		1 · · · · · · · · · · · · · · · · · · ·	Collection	T	ļ	7	Containers)S(2	2 +1					
	ESC Control #	Date	Time	Туре	Matrix	Type	Volume	Preserva	ative	#		NO2		 			
Well # 14	2/07010262	07/26/21	1330	Grab	Water	Plastic	1 Liter	≤ 6 Deg C		1	Х						
	- L	4	1	Grab	Water	Plastic	1 Liter	H2SO4		1		Х					
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Relinquished By: (Signature and Pr	inted Name)	Date	Tíme	Received By: (Signature)	I gnature and Printed	Name)	<u> </u>	Date	Time	e	Custo	dy Sea	als:	لــــــــــــــــــــــــــــــــــــــ			-
Relinguished By: (Signature and Pr	inted Name)	Date	Time	Deseived Dur (Ci	anature and Printed				ļ <u></u>		Used?	1.	5	Intac	ot?		
romiquistica by. (Signature and Fr	inted Name)	Date	nme	Received by: (Sig	gnature and Printed	i Name)		Date	Time		ı urna Regul	round: lar	7/1	Spe	cial T		
Relinquished By: (Signature and Rr	inted Name) ANSO PIBRUE	Date	Time	Received for Lab	By: (Signature and	Printed Name	e) 1	Date	Time	e			es proper		L.		
Cool all samples to ≤ 6 deg	grees C with ice.	01/26/21	1640	1 som	/F/ow D	ata V	Field/Test	7 26KU Time	164 Analys		Resu	Yes	// Result		No Units		-
Comments:				<i>\(\</i>	Analyst:		pH:	1335			6.0		6.0		Units		
					Time:		Sp Cond:		DN		0	5.3	03.3		NHO	25	_
***************************************					Reading: Units:							_		 			
Total Depth-99.10:	13+4 17n				orno.					\dashv		\dashv		-			
H20 Depth - 99.9:	9++ 4.510				Chlorinated?	ΥN	Fecal Start:			T	This	Doci	ument i	s Pag	e /	1	-

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2107010263

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 07/30/21

Sample Date : 07/26/21

Sample Time : 1250 Sample Type : DRY WELL

Sample From :

Collected By: DMP

Delivery By : Work Order :

Purchase Order :

<u>Laboratory Analysis</u>						Quality Assurance		
Analysis						Precision	Accuracy	
<u>Date Time By</u>	Parameter	Result	Notes _	Quantity	Method	% RPD	% Recovery	
07/26 1250 DMP	Dry Well	0.00			·	N/A	N/A	

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imental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Environmental Services Com-Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY Phone: 501-221-2565 Fax: 501-221-1341 Phone 479-750-1170 Fax 479-750-1172 Client Information Project Information Requested Parameters Company Name: Clinton, East GW16 Permit/Project #: AR0048836 Address: P.O. Box 277 Purchase Order #: Clinton, AR 72031 Work Order # Telephone: 501-745-4320 Sampler Name(s): Chloride(7.) Contact: Mr. Todd Burgess FAX: 501-745-2164 and Signature(s): NO2 +NO3(91.) ESC Client Number: 509 TDS(27.), Sample Identification Sample Collection Sample Containers ESC Control# Date. Time Type Volume | Preservative # Matrix Type 21070 19263 07/26/21 Well #16 Grab Water Plastic ≤ 6 Deg C Χ 1 Liter Grab Water Plastic 1 Liter H2SO4 Х Relinquished By: (Signature and Printed Name) Date Received By: (Signature and Printed Name) Custody Seals: Used? Intact? Relinquished By: (Signature and Printed Name) Date Time Received By: (Signature and Printed Name) Turnaround: Date Regular Special Received for Lab By: (Signature and Printed Name) Were samples properly preserved: Yes 77 No Cool all samples to ≤ 6 degrees C with ice Flow Data Field Test Time Analyst Result Result Units Comments: Analyst: :Ha Time: Sp Cond: Reading: Units: Total Depth-99.10: H20 Depth - 99.9: Chlorinated? Y N Fecal Start: This Document is Page

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341 Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2107010264

Customer Name : CLINTON, EAST GW17

Customer/Permit No. : 649 / AR0048747 001

Report Date : 07/30/21

Sample Date : 07/26/21

Sample Time : 1220

Sample Type : GRAB WATER Sample From : WELL#17

Collected By: DMP Delivery By: DMP

Work Order : Purchase Order :

	Quality Assurance				
Analysis				Precision	Accuracy
<u>Date Time By</u>	Parameter	Result Notes Qu	antity Method	% RPD	% Recovery
07/30 1410 EJD	Chloride (as Cl)	10.0 mg/L	SM 2011 4500 Cl C	18.18	101.0 *
07/26 1225 DMP	рН	5.5 S.U.	SM 2011 4500-H+B	0.00	N/A *
07/28 1125 AKA	Solids, Total Dissolved	63.3 mg/L	SM 2011 2540 C	3.05	N/A *
07/26 1635 DMP	Spec. Conductance @ 25 C	65.200 umho/c	EPA 120.1	0.07	N/A *
07/27 1155 EJD	Nitrate + Nitrite	5.50 mg/L	HACH 10206	3.32	100.0 *
07/26 1220 DMP	Well Depth, Total	17.60 Feet		N/A	N/A
07/26 1220 DMP	Depth to Water	11.80 Feet		N/A	N/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

 $^{\ ^{\}star}$ QA data shown is from a different sample or standard on the same date.

mental Services Company, Inc. Corporate Office

13715 West Markham

P.O. Box 55146

Little Rock, AR 72211

Little Rock, AR 72215

website: www.esclabs.com

Environmental Services Comp Northwest Branch 1107 Century Springdale, AR 72764

CHAIN OF CUSTODY

Phone: 501-221-2565 Fax: 501-221-1341 Phone 479-750-1170 Fax 479-750-1172 Client Information **Project Information** Requested Parameters Permit/Project #: Company Name: Clinton, East GW17 AR0048747 Address: P.O. Box 277 Purchase Order #: Clinton, AR 72031 Work Order # 501-745-4320 Sampler Name(s): Telephone: Mr. Todd Burgess Contact: FAX: and Signature(s): 501-745-2164 NO2 +NO3(91.) ESC Client Number: 649 TDS(27.), Sample Identification Sample Collection Sample Containers # ESC Control# Date Time Type Matrix Type Volume Preservative 2107010211 1220 Vell # 17 Grab Х < 6 Deg C Water Plastic 1 Liter X Grab Water Plastic 1 Liter H2SO4 Relinquished By: (Signature and Printed Name) Date Received By: (Signature and Printed Name) Custody Seals: Used? Intact? en Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date Turnaround Time Regular Special Reimmuished By: (Signature and Printed Name) Received for Lab By: (Signature and Printed Name) Date Time Were samples properly preserved: Thursd Bensing way 7126/21/1640 Cool all samples to < 6 degrees C with ice Flow Data/ Field Test Time Analyst Result Result Units 5.5 Comments: pH: 50 Analyst: Time: Sp Cond: 65.2 65.2 (1 MHQS Readina: Units: Total Depth-99.10: H20 Depth - 99.9: This Document is Page $\,\it L$ Chlorinated? Y Fecal Start:

Corporate Office 13715 West Markham Little Rock, AR 72211 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2112010370

Customer Name : CLINTON, EAST GW13

Customer/Permit No. : 507 / AR0048836 001

Report Date : 01/04/22

Sample Date : 12/13/21

Sample Time : 0920

Sample Type : GRAB WELL WATER Sample From : #13 (507)

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

		Laboratory Ana	<u>alysis</u>			Quality A	Assurance
Analysis						Precision	Accuracy
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery
12/15 0940 DWC	Chloride (as Cl)	20.0	mg/L		SM 2011 4500 Cl C	0.00	98.0 *
12/13 0920 JGK	рН		S.U.		SM 2011 4500-H+B	0.00	N/A *
12/20 0550 NTR	Solids, Total Dissolved	180.0	ma/L		SM 2011 2540 C	2.26	N/A *
12/13 0920 JGK	Spec. Conductance @ 25 C	168.200	•		EPA 120.1	0.12	N/A ^
12/13 0920 JGK		9.80			SM 2000 2550 B	0.12	· .
	Nitrate + Nitrite		mg/L		HACH 10206		N/A
	Well Depth, Total	15.25			HACH 10206	4.21	101.8 *
	Depth to Water		Feet			N/A	N/A
12, 13 0)20 00K	Depen to natel	9.00	reet			N/A	N/A

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Signature

Environmental Services Co., Inc.

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^{*} QA data shown is from a different sample or standard on the same date.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2112010371

Customer Name : CLINTON, EAST GW14

Sample Date : 12/13/21 Sample Time : 0910

Collected By: JGK

Customer/Permit No. : 508 / AR0048836 001

Delivery By : JGK

Report Date : 01/04/22

Sample Type : GRAB WELL WATER

Work Order :

Sample From : #14 (508)

Purchase Order:

<u>Laboratory Analysis</u>							Quality Assurance		
Analysis						Precision	Accuracy		
<u>Date Time By</u>	<u>Parameter</u>	Result	Notes	Quantity	Method	% RPD	% Recovery		
12/15 0940 DWC	Chloride (as Cl)	10.0	mg/L		SM 2011 4500 Cl C	0.00	98.0 *		
12/13 0910 JGK	рН	5.7	S.U.		SM 2011 4500-H+B	0.00	N/A *		
12/20 0550 NTR	Solids, Total Dissolved	72.0	mq/L		SM 2011 2540 C	2.26	N/A *		
12/13 0910 JGK	Spec. Conductance @ 25 C	108.200	umho/c		EPA 120.1	0.12	N/A *		
12/13 0910 JGK	Temperature	13.70	°C ′		SM 2000 2550 B	0.00	N/A *		
12/13 1000 NTR	Nitrate + Nitrite	0.81	ma/L		HACH 10206	4.21	101.8 *		
	Well Depth, Total	13.08	•		1111011 10200	N/A	N/A		
12/13 0910 JGK		10.25				'	· .		
,	30p 011 00 1,100 01	10.23	1000			N/A	N/A		

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2112010372

Customer Name : CLINTON, EAST GW16

Customer/Permit No. : 509 / AR0048836 001

Report Date : 01/04/22

Sample Date : 12/13/21

Sample Time : 0945

Sample Type : DRY WELL Sample From : #16 (509)

Collected By: JGK Delivery By : JGK

Work Order : Purchase Order :

Laboratory Analysis						Quality Assurance		
Analysis						Precision	Accuracy	
<u>Date Time By</u>	Parameter	Result	Notes	Quantity	Method	% RPD	% Recovery	
12/13 0945 JGK	Dry Well	0.00				N/A	N/A	
12/13 0945 JGK	Well Depth, Total	14.00 Feet			• committee	N/A	N/A	

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc.

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Northwest Arkansas Branch 1107 Century Avenue Springdale, AR 72762

Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2112010373

Customer Name : CLINTON, EAST GW17

Sample Date : 12/13/21 Sample Time : 0900

Collected By: JGK

Customer/Permit No. : 649 / AR0048747 001

Delivery By : JGK

Report Date : 01/04/22

Sample Type : GRAB WELL WATER

Work Order :

Sample From : #17 (649)

Purchase Order:

		Laboratory Analysis		Ouality A	Assurance
12/20 0550 NTR 12/13 0900 JGK 12/13 0900 JGK 12/13 1000 NTR 12/13 0900 JGK	Parameter Chloride (as Cl) pH Solids, Total Dissolved Spec. Conductance @ 25 C Temperature Nitrate + Nitrite Well Depth, Total Depth to Water	-	Method SM 2011 4500 Cl C SM 2011 4500-H+B SM 2011 2540 C EPA 120.1 SM 2000 2550 B HACH 10206	Quality A Precision % RPD 0.00 0.00 2.26 0.12 0.00 4.21 N/A N/A	Assurance Accuracy Recovery 98.0 * N/A * N/A * N/A * 101.8 * N/A N/A

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature



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Environmental Services Company Little Rock, AR 72211 Groundwater Monitoring Chain of Custody

Sampler Name(s): I Know suit and Signature:

Sample Date: 12/13/21 Laboratory Sample Depth Total Control Temperature Identification Sample To Well pН Specific Conductance Number Degrees C (Customer #) Time: Water Depth **Clinton Wells** #1 #2 #3 #3 #1 #2 #2 #3 #1 Time Time Time 2112010370 9'8" 0920 15' 4" 6.0 #13 (507) 6.0 0920 1682 168.0 168.2 1920 9.8 9.8 9.8 0920 X X 10'3" 2112010371 13' 1" 5.7 #14 (508) 19910 58 57 09/10/108-2/108-0/108-2/09/10/13-7/13-5/13-7 0910 X X 2112010372 Dry 0945 Dey La Dry Well #16 (509) 14' 0" 0945 0945 DIY Well 0945 X 2112010373 14/3" 0900 #17 (649) 17'6" 5.1 5.0 5-1 0900 69.0 69.4 69.4 6900 17.1 17.3 17.1 0900 X X Received By Lab: My Mrs ABULLAR Date: 12/13/21 Time: 1/407 Relinquished by: <u>Time: \(\(\eal}\)</u>

Comments:

Jos