EARTHCON®

Environmental Challenges
BUSINESS SOLUTIONS®

Groundwater Sampling Record

WELL No.	OWNER	ADDRESS	DATE
WW #15	Stephen & Carol Hurst	2411 Cactus Rio Ln.	8-18-12

SAMPLE ID: WW15-HUR-081812	SAMPLER NAME: JB/JM
SAMPLE TIME: 1620	FIELD CONDITIONS/WEATHER: Rain 90°

Periods of heavy Rain

Well/Sample Condition (circle one)

Pump operating	(yes)	no
Owner Present	yes	(no)
Sampled Water Treated	yes	(no)

Well Purging

Pumping rate: 5 gallons/minute

Volume pumped: 150 gallons

Clarity: Clear Other observations

TIME 24:00 hr	CUMULATIVE VOLUME (gal)	Temp °C	pH S.U.	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	ODOR/COLOR/ REMARKS
1520	0							PURGE START
~~1525~~ 1535	2	19.76	8.74	1307	0.55	-200	0.79	Clear
1540	3	19.46	8.74	1308	0.45	-206.3	0.63	Clear
1545	3.5	19.26	8.73	1302	0.42	-211.6	0.45	Clear
1550	4	19.14	8.74	1299	0.41	-206.1	0.43	Clear
1555	4.5	19.91	8.74	1301	0.42	-188.7	1.16	Clear
1600	5	18.81	8.74	1295	0.43	-205.9	2.09	Clear
1605	5.5	18.97	8.74	1292	0.37	-206.8	0.82	Clear
1610	6	19.14	8.75	1290	0.36	-207.4	0.96	Clear
1615	6.5	19.14	8.75	1287	0.36	-207.4	1.20	Clear

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Well ID: W #15
Owner: Stephen & Carol Hurst
Address: 2411 Cactus Rio Ln.
Date: 8-18-12

LEL -- lower explosive level
LFL -- lower flammable level
NIOSH -- National Institute for Occupational Safety and Health
O2 -- oxygen
OSHA -- Occupational Safety and Health Administration
ppm -- parts per million
REL -- recommended exposure limit
TWA -- time-weighted average
TLV -- time-limited value
UEL -- upper explosive level
UFL -- upper flammable level

		LEL (Calibrated for Methane) %	O_2 %	H_2S ppm	CO ppm	Time of Reading
		Alarm Level	Alarm Level	Alarm Level	Alarm Level	
		10 % LEL	19.50%	10 ppm	35 ppm	
		UEL/UFL	OSHA O_2 Enriched	NIOSH REL-TWA	NIOSH REL-TWA	
		15%	22%	10 ppm/10 min	35 ppm	
		LEL/LFL	OSHA O_2 Deficient	OSHA PEL-TWA	OSHA PEL-TWA	
		5%	19.50%	10 ppm	50 ppm	
Location & Coordinates	**#**	Value % LEL	Value %	Value ppm	Value ppm	Time 24:00 hr
Background	1	0	20.9	0.0	0	1455
	2	0	20.9	0.0	0	1510
	3	0	20.9	0.0	0	1518
	4					*
Well Head	1	0	20.9	0.0	0	1455
	2	0	20.9	0.0	0	1510
	3	0	20.9	0.0	0	1518
	4					*
Sampling Location	1	0	20.9	0.0	0	1455
	2	0	20.9	0.0	0	1510
	3	0	20.9	0.0	0	1518
	4					*

* Motor Battery Died - no Charger Shipped w/Rental

CONFIDENTIAL / ATTORNEY WORK PRODUCT

DATE: 8-18-12

WELL # WW 15

NOTES TAKEN BY: J Bruskewitz

Onsite 1440

Pump on 1445 brief heavy rain

Pump off 1516

low flow Start 1520

low flow Stop 1615

Sample @ 1620

Decon + leave Site @ 1635

CHAIN OF CUSTODY

PAGE ___ OF ___

ACCUTEST Laboratories

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL. 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job #

Client / Reporting Information

Company Name: EarthCon Consultants, Inc.
Street Address: 4800 Sugar Grove Blvd., Suite 390
City / State / Zip: Stafford TX 77477
Project Contact / E-mail: Gabriela Floreslovo
Phone # / Fax #: 281-201-3513
Sampler(s) Name(s) / Phone #: JULIE HELFRICH (512) 632-5380

Project Information

Project Name: Second Quarterly Well Sampling, Parker County, Texas
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	HCl	NaOH	ZA/NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX 8260B	Butane, Ethane, Ethene, Isobutane, Methane, Propane by RSK-175	LAB USE ONLY
	WW15-HUK-081812	08/18/12	1620	JB	W	6	X												X	X	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [X] TRRP
- [ ] EDD Format
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Julie Helfrich	08/19/12 16:15	1	2	8/19/12 16:15	2
3		3	4		4
5		5			

Custody Seal # ☐ Intact ☐ Not intact — Preserved where applicable ☐ — On Ice ☐ — Cooler Temp.

ISOTECH

Send Data and Invoice to

Name: ALAN KORNACKI
Company: WEATHERFORD LABORATORIES
Address: 5200 N SAM HOUSTON PARKWAY SUITE 500, HOUSTON, TX 77086
Phone: (832) 515-5137
Fax:
Email: alankornacki@weatherfordlabs.com

Project: SECOND QUARTERLY SAMPLING
Location: PARKER COUNTY, TEXAS
Sampled by: J. HELFRICH

Isotech Laboratories, Inc.
1308 Parkland Court
Champaign, IL 61821
Phone: 217-398-3490
Fax: 217-398-3493
www.isotechlabs.com
mail@isotechlabs.com

Sample Description

Container Number	Sample Identification	Date Sampled	Analyses Requested: molecular comp. of HC gases and non-HC gases	C-isotope comp. of methane, ethane, propane, CO_2	D-isotopic comp of methane, isotopic comp of N_2	Comments
	WW15-HUR-081812	08/18/12	X	X	X	

Chain-of-Custody Record

Signature	Company	Date	Time
Relinquished by			
Received by			
Relinquished by			
Received by			
Relinquished by			
Received by			