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*Automated Report*

## Technical Report for

**Approach Environmental, LLC**

**Covey Park-Water Supply Well-Desoto Parish, LA**

**Annette Greene 2214-002**

**SGS Job Number: LA48999**

**Sampling Date: 10/22/18**

### Report to:

**Approach Environmental, LLC  
1000 Grimmitt Drive  
Shreveport, LA 71107  
marksm@approachenv.com**

**ATTN: Mark S. Moore**

**Total number of pages in report: 14**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

*Ron Benjamin*  
**Ron Benjamin**  
**Lab Director**

**Client Service contact: Amy Jackson 337-237-4775**

Certifications: LDEQ(2048), LDHH(LA150012), AR(14-045-04), AZ(AZ0805), FL(E87657), IL(200082), KY(#31), NC(487), SC(73004001), NJ(LA007), TX(T104704186-15-7), WV(257)

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Test results relate only to samples analyzed.

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## Sample Summary

**Approach Environmental, LLC**

**Job No: LA48999**

**Covey Park-Water Supply Well-Desoto Parish, LA**  
**Project No: Annette Greene 2214-002**

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
LA48999-1	10/22/18	12:00	10/23/18	AQ	Ground Water	WATER SUPPLY WELL

## Summary of Hits

**Job Number:** LA48999  
**Account:** Approach Environmental, LLC  
**Project:** Covey Park-Water Supply Well-Desoto Parish, LA  
**Collected:** 10/22/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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LA48999-1      WATER SUPPLY WELL

No hits reported in this sample.

**Sample Results**

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**Report of Analysis**

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> WATER SUPPLY WELL	
<b>Lab Sample ID:</b> LA48999-1	<b>Date Sampled:</b> 10/22/18
<b>Matrix:</b> AQ - Ground Water	<b>Date Received:</b> 10/23/18
<b>Method:</b> SW846 8260B	<b>Percent Solids:</b> n/a
<b>Project:</b> Covey Park-Water Supply Well-Desoto Parish, LA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G086388.D	1	10/23/18 16:32	LS	n/a	n/a	V1G4559
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

### Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00023	mg/l	
108-88-3	Toluene	ND	0.0010	0.00023	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00023	mg/l	
1330-20-7	Xylene (total)	ND	0.0020	0.00039	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	111%		84-124%
2037-26-5	Toluene-D8	95%		83-115%
460-00-4	4-Bromofluorobenzene	94%		89-111%

ND = Not detected      MDL = Method Detection Limit      J = Indicates an estimated value  
 RL = Reporting Limit      B = Indicates analyte found in associated method blank  
 E = Indicates value exceeds calibration range      N = Indicates presumptive evidence of a compound

**Misc. Forms**

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**Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody

SGS Accutest - Scott  
500 Ambassador Caffery Parkway, Scott, LA 70583  
TEL: 337.237.4775 FAX: 337.237.7838  
www.accutest.com

FED-EX Tracking #  
SGS Accutest Quote #  
SGS Accutest Job # **LA48999**

Client / Reporting Information		Project Information										Requested Analysis ( see TEST CODE sheet)										Matrix Codes																			
Company Name <b>Approach Env.</b>		Project Name <b>Coven Park</b>										DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank																													
Street Address <b>1000 Guizmet Dr. Shreveport, LA</b>		Billing Information (if different from Report to) Company Name																																							
Project Contact <b>Mark Mouton</b>		Project # <b>Desoto Parkish</b>										<b>BTEX 8267</b> <b>HOLD</b> <b>X</b> <b>X</b>																													
Phone # <b>318-222-2424</b>		Street Address <b>Annelle Grace 0211 - 022</b>																																							
Sampler(s) Name(s) <b>John Mouton</b>		City State Zip																																							
Field ID / Point of Collection		Date	Time	Sampled By	Matrix	# of bottles	HG	HACH	Zn/NACH	HM03	H2SO4	NONE	D'Water	MEOH	TSP	NACH04	ENCORE	LAB USE ONLY																							
1	Water Supply Well	10/22/18	12:00	JAM	GW	5	X											5																							
2	Trip Blank	10/22/18	17:20	JAM	TB	3	X											3																							
Turnaround Time ( Business days)		Data Deliverable Information										Comments / Special Instructions																													
<input type="checkbox"/> Standard <input type="checkbox"/> 5 Day Rush <input type="checkbox"/> 4 Day RUSH <input type="checkbox"/> 3 Day RUSH <input checked="" type="checkbox"/> 2 Day RUSH <input type="checkbox"/> 1 Day RUSH <input type="checkbox"/> other		Approved By (SGS Accutest PM): <b>VW</b> <b>VL-16</b>										<input type="checkbox"/> Commercial "A" ( Level 1) <input type="checkbox"/> Commercial "B" ( Level 2) <input type="checkbox"/> FULT1 ( Level 3+4) <input type="checkbox"/> REDT1 (Level3+5) <input type="checkbox"/> Commercial "C" Commercial "A" = Results Only, Commercial "B" = Results + QC Summary Commercial "C" = Results +QC & Surrogate Summary										<input type="checkbox"/> TRRP <input type="checkbox"/> EDD Format <input type="checkbox"/> State Forms <input checked="" type="checkbox"/> Other <input type="checkbox"/> Other										<b>LABORATORY method detection limits set by the LAB IS NECESSARY</b>									
Emergency & Rush T/A data available VIA Lablink		Sample Custody must be documented below each time samples change possession, including courier delivery. <b>9:00</b>										Note: Sample inventory is verified upon receipt in the Laboratory																													
Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:	Relinquished By:	Date Time:	Received By:	Date Time:																						
1	10/22/18 17:30	FED EX	10/23/18 9:50	2	10/23/18	4	10/23/18	3	10/23/18	4	10/23/18	2	10/23/18	4	10/23/18	1	10/23/18	2	10/23/18																						
Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:	Relinquished by:	Date Time:	Received By:	Date Time:																						
5		Black Red		5		4		4		4		4		4		4		4																							
Custody Seal #		Preserved where applicable		On Ice		Cooler Temp.																																			
12100		<input checked="" type="checkbox"/>		<input type="checkbox"/>		2.1 DV439																																			

**RUSH**

4.1  
4



Part # 156297523 / 48999-01/19

SHIP DATE: 20CT19  
ACT AGT: 32 40 LB  
CAD: 006984878/SSFE1922  
DIM'S: 24x14x13 IN  
BILL THIRD PARTY

ORIGIN ID: SHVA (318) 222-2424  
JOHN MAGGIO  
1000 GRIMMETT DR  
SHREVEPORT, LA 71107  
UNITED STATES US

TO **SAMPLE RECEIVING**  
**SGS ACCUTEST**  
**109 COMMISSION BLVD**

**LAFAYETTE LA 70508**  
REF: (837) 287-4776

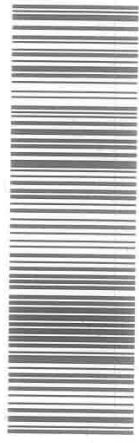


TUE - 23 OCT 10:30A  
PRIORITY OVERNIGHT

TRK/ 0200 8101 2970 6826

**XH LFTA**

70508  
LA-US LFT



#1/5 = 40ml w/ HCL  
#2/3 = 40ml w/ HCL  
(2/4-16 (vw))  
1-5/12

LA48999: Chain of Custody  
Page 2 of 3

## SGS Sample Receipt Summary

Job Number: LA48999

Client: APPROACH ENV.

Project: COVEY PARK

Date / Time Received: 10/23/2018 9:50:00 AM

Delivery Method: FedEx

Airbill #'s: 810129706826

Cooler Temps (Initial/Adjusted): #1: (2.1/2.1); DV439

**Cooler Security**

- |  |   |
|--|---|
| <u>Y or N</u>  | <u>Y or N</u>   |
| 1. Custody Seals Present: <input checked="" type="checkbox"/> <input type="checkbox"/> | 3. COC Present: <input checked="" type="checkbox"/> <input type="checkbox"/>        |
| 2. Custody Seals Intact: <input checked="" type="checkbox"/> <input type="checkbox"/>  | 4. Smpl Dates/Time OK: <input checked="" type="checkbox"/> <input type="checkbox"/> |

**Cooler Temperature**

- |   |  |
|---|--|
| <u>Y or N</u>   |  |
| 1. Temp criteria achieved: <input checked="" type="checkbox"/> <input type="checkbox"/> |  |
| 2. Thermometer ID: <u>DV439;</u>  |  |
| 3. Cooler media: <u>Ice (direct contact)</u>  |  |
| 4. No. Coolers: <u>1</u>  |  |

**Quality Control Preservation**

- |   |               |            |
|---|---------------|------------|
| <u>Y or N</u>   | <u>Y or N</u> | <u>N/A</u> |
| 1. Trip Blank present / cooler: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |               |            |
| 2. Trip Blank listed on COC: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>    |               |            |
| 3. Samples preserved properly: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  |               |            |
| 4. VOCs headspace free: <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>         |               |            |

**Sample Integrity - Documentation**

- |   |               |
|---|---------------|
|   | <u>Y or N</u> |
| 1. Sample labels present on bottles: <input checked="" type="checkbox"/> <input type="checkbox"/>   |               |
| 2. Container labeling complete: <input checked="" type="checkbox"/> <input type="checkbox"/>        |               |
| 3. Sample container label / COC agree: <input checked="" type="checkbox"/> <input type="checkbox"/> |               |

**Sample Integrity - Condition**

- |   |               |
|---|---------------|
|   | <u>Y or N</u> |
| 1. Sample recvd within HT: <input checked="" type="checkbox"/> <input type="checkbox"/>       |               |
| 2. All containers accounted for: <input checked="" type="checkbox"/> <input type="checkbox"/> |               |
| 3. Condition of sample: <u>Intact</u>   |               |

**Sample Integrity - Instructions**

- |   |               |                                     |
|---|---------------|-------------------------------------|
|   | <u>Y or N</u> | <u>N/A</u>                          |
| 1. Analysis requested is clear: <input checked="" type="checkbox"/> <input type="checkbox"/>            |               |                                     |
| 2. Bottles received for unspecified tests: <input type="checkbox"/> <input checked="" type="checkbox"/> |               |                                     |
| 3. Sufficient volume recvd for analysis: <input checked="" type="checkbox"/> <input type="checkbox"/>   |               |                                     |
| 4. Compositing instructions clear: <input type="checkbox"/> <input type="checkbox"/>                    |               | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: <input type="checkbox"/> <input type="checkbox"/>                      |               | <input checked="" type="checkbox"/> |

Comments

LA48999: Chain of Custody

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## MS Volatiles

### QC Data Summaries

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**Includes the following where applicable:**

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

# Method Blank Summary

Job Number: LA48999  
Account: APPRLAS Approach Environmental, LLC  
Project: Covey Park-Water Supply Well-Desoto Parish, LA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1G4559-MB2	1G086368.D	1	10/23/18	LS	n/a	n/a	V1G4559

The QC reported here applies to the following samples:

Method: SW846 8260B

LA48999-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.23	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
108-88-3	Toluene	ND	1.0	0.23	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.39	ug/l	

CAS No.	Surrogate Recoveries	Limits
17060-07-0	1,2-Dichloroethane-D4	103% 84-124%
2037-26-5	Toluene-D8	94% 83-115%
460-00-4	4-Bromofluorobenzene	92% 89-111%

5.1.1  
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# Blank Spike/Blank Spike Duplicate Summary

Job Number: LA48999  
 Account: APPRLAS Approach Environmental, LLC  
 Project: Covey Park-Water Supply Well-Desoto Parish, LA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1G4559-BS1	1G086362.D	1	10/23/18	LS	n/a	n/a	V1G4559
V1G4559-BSD1	1G086364.D	1	10/23/18	LS	n/a	n/a	V1G4559

The QC reported here applies to the following samples:

Method: SW846 8260B

LA48999-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	19.8	99	20.5	103	3	82-119/30
100-41-4	Ethylbenzene	20	20.2	101	21.3	107	5	84-117/30
108-88-3	Toluene	20	20.6	103	21.9	110	6	80-121/30
1330-20-7	Xylene (total)	60	63.5	106	66.4	111	4	81-122/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	104%	84-124%
2037-26-5	Toluene-D8	94%	95%	83-115%
460-00-4	4-Bromofluorobenzene	97%	98%	89-111%

\* = Outside of Control Limits.

5.2.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA48999  
 Account: APPRLAS Approach Environmental, LLC  
 Project: Covey Park-Water Supply Well-Desoto Parish, LA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
LA48927-1MS	1G086374.D	5	10/23/18	LS	n/a	n/a	V1G4559
LA48927-1MSD	1G086376.D	5	10/23/18	LS	n/a	n/a	V1G4559
LA48927-1	1G086372.D	1	10/23/18	LS	n/a	n/a	V1G4559

The QC reported here applies to the following samples:

Method: SW846 8260B

LA48999-1

CAS No.	Compound	LA48927-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	100	96.8	97	100	91.8	92	5	31-161/15
100-41-4	Ethylbenzene	ND	100	97.0	97	100	93.7	94	3	47-146/30
108-88-3	Toluene	ND	100	100	100	100	93.6	94	7	36-155/17
1330-20-7	Xylene (total)	ND	300	302	101	300	288	96	5	41-154/29

CAS No.	Surrogate Recoveries	MS	MSD	LA48927-1	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	108%	107%	84-124%
2037-26-5	Toluene-D8	97%	97%	95%	83-115%
460-00-4	4-Bromofluorobenzene	97%	96%	93%	89-111%

\* = Outside of Control Limits.

5.3.1  
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