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Automated Report

Technical Report for

Approach Environmental, LLC

Covey Park-Desoto Parish, LA

Bagley 35H-1

SGS Job Number: LA48928

Sampling Date: 10/17/18

Report to:

Approach Environmental, LLC
151 Freestate Blvd., Suite B
Shreveport, LA 71107
marksm@approachenv.com

ATTN: Mark S. Moore

Total number of pages in report: 15

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
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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October 24, 2018

Approach Environmental, LLC
ATTN: Mark Moore
1000 Grimmett Drive
Shreveport, LA 71107

RE: SGS Job #LA48928

Dear Mr. Moore,

The final report for SGS Job LA48928 has been amended from the original. This report replaces in its entirety any previously submitted copy.

The results for all samples are reported using the method detection limits (MDLs). Any concentrations detected between the MDL and reporting limit (RL) are qualified with a "J" for estimated concentration. The changes are included in this revised report.

Sincerely,

Amy Jackson
Environment, Health and Safety
Project Manager
SGS-Scott

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SGS North America Inc.

Sample Summary

Approach Environmental, LLC

Job No: LA48928

Covey Park-Desoto Parish, LA
Project No: Bagley 35H-1

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
LA48928-1	10/17/18	15:45	JM	10/19/18	AQ	Ground Water	WATER SUPPLY WELL

Summary of Hits

Job Number: LA48928
Account: Approach Environmental, LLC
Project: Covey Park-Desoto Parish, LA
Collected: 10/17/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
LA48928-1	**WATER SUPPLY WELL**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WATER SUPPLY WELL		
Lab Sample ID:	LA48928-1	**Date Sampled:**	10/17/18
Matrix:	AQ - Ground Water	**Date Received:**	10/19/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Covey Park-Desoto Parish, LA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G086370.D	1	10/23/18 12:07	LS	n/a	n/a	V1G4559
Run #2							

	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	105%		84-124%
2037-26-5	Toluene-D8	97%		83-115%
460-00-4	4-Bromofluorobenzene	93%		89-111%

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS ACCUTEST

CHAIN OF CUSTODY

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

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
SGS Accutest Quote #	SGS Accutest Job # LA48928

Client / Reporting Information

Company Name: Approach Env.
Street Address: 1000 Grimmett Dr.
City / State / Zip: Shreveport, LA
Project Contact / E-mail: Mark Moore
Phone #: 318-222-2424 Fax #:
Sampler(s) Name(s) / Phone #: John Maggio

Project Information

Project Name: Covey Park
Street:
City / State: Desoto Parish
Project #: Bagley 35H-1
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)
Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

BTEX 8260
HOLD

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
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

SGS 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	BTEX 8260	HOLD	LAB USE ONLY
(1)	Water Supply Well	10/17/18	15:45	JAM	GW	5	X											X		5
(2)	Trip Blank	—	—	—	TB	2	X												X	2

RUSH!

Turnaround Time (Business days)

- [ ] Standard
- [ ] 5 Day Rush
- [ ] 4 Day RUSH
- [ ] 3 Day RUSH
- [x] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

Approved By (SGS Accutest PM): / Date: YEL-33 (MW)

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level3+$)
- [ ] Commercial "C"
- [ ] TRRP
- [ ] EDD Format
- [ ] State Forms
- [x] Other
- [ ] Other

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

Comments / Special Instructions

Laboratory method detection limits set by the LAB is necessary

Note: Sample inventory is verified upon receipt in the Laboratory

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 [signature]	10/18/18 18:45	1 FED EX	2 Fedex	10/19/18 0830	2 [signature]
3 [signature]	10/19/18 0910	3 [signature]	4		4
5		5			

Custody Seal # C Sowcah ☑ Intact ☐ Not intact
Preserved where applicable ☑
On Ice ☑
Cooler Temp. 16 Dec 4

Form:SM088-02CRev.Date:04/2/17

http://www.sgs.com/en/terms-and-conditions.

4.1
4

LA48928: Chain of Custody
Page 1 of 3

FedEx Express
FedEx First Overnight®
151969 REV 7/08 RRD
SGS Accutes
Date Sealed: 10/11
ORIGIN ID:SHVA (318) 222-2424
JOHN MAGGIO
APPROACH ENV
1000 GRIMMETT DR
SHREVEPORT, LA 71107
UNITED STATES US
SHIP DATE: 18OCT18
ACTWGT: 28.60 LB
CAD: 0693479/SSFE1922
DIMS: 24x14x13 IN
BILL THIRD PARTY
TO SAMPLE RECEIVING
SGS ACCUTEST
109 COMMISSION BLVD
LAFAYETTE LA 70508
(337) 237-4775
REF:
DEPT:
FedEx Express
E
FRI - 19 OCT 8:00A
FIRST OVERNIGHT
70508
LA-US LFT
1 of 2
TRK# 8101 2970 6804
0200
MASTER
X1 LFTA

SGS Sample Receipt Summary

Job Number: LA48928 **Client:** APPROACH **Project:** COVEY PARK

Date / Time Received: 10/19/2018 9:10:00 AM **Delivery Method:** FedEx **Airbill #'s:** 810129706804

Cooler Temps (Initial/Adjusted): #1: (1.6/1.6);

Cooler Security

	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature

	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Thermometer ID:	DV441;		
3. Cooler media:	Ice (direct contact)		
4. No. Coolers:	1		

Quality Control _Preservation

	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation

	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition

	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions

	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: LA48928
Account: APPRLAS Approach Environmental, LLC
Project: Covey Park-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

LA48928-1

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%

Blank Spike/Blank Spike Duplicate Summary

Job Number: LA48928
Account: APPRLAS Approach Environmental, LLC
Project: Covey Park-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

LA48928-1

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.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: LA48928
Account: APPRLAS Approach Environmental, LLC
Project: Covey Park-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

LA48928-1

CAS No.	Compound	LA48927-1 ug/l	Q	Spike 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.