



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

January 17, 2017

Jeff Pittman
CCR Environmental, Inc.
3772 Pleasantdale Rd
Atlanta GA 30360

TEL: (770) 458-7943
FAX: (770) 458-2454

RE: Dunwoody

Dear Jeff Pittman:

Order No: 1701702

Analytical Environmental Services, Inc. received 4 samples on 1/10/2017 12:30:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Jessica Shilling
Project Manager

Client: CCR Environmental, Inc.
Project: Dunwoody
Lab ID: 1701702

Case Narrative

Sample Receiving Nonconformance:

Analyses requested were not listed on the Chain of Custody. The samples were logged in for analyses TSS and fecal coliform., per Randy Ficcarota via email on 1/10/17 at 1:44 pm.

Sample Receiving Nonconformance:

Collection dates were not listed on the COC for all samples. Per Randy Ficcarota via email on 1/10/17 at 1:44 pm, the collection date for all samples was 1/10/2017.

Fecal Coliform Analysis by Method SM9222D:

For samples 1701702-001A & -002A, Fecal Coliform density exceeded the method specified maximum countable number at the highest dilution analyzed resulting in final values reported as "greater than" (>60,000)".

Analytical Environmental Services, Inc

Date: 17-Jan-17

Client: CCR Environmental, Inc.	Client Sample ID: 4
Project Name: Dunwoody	Collection Date: 1/10/2017 10:55:00 AM
Lab ID: 1701702-001	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	14.4		0.8	4.0	mg/L	236347	1	01/13/2017 12:37	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	60000	>	2000	2000	Colonies/100 ml	R334017	1000	01/10/2017 15:40	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 17-Jan-17

Client: CCR Environmental, Inc.	Client Sample ID: 3
Project Name: Dunwoody	Collection Date: 1/10/2017 11:10:00 AM
Lab ID: 1701702-002	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	23.2		0.8	4.0	mg/L	236347	1	01/13/2017 12:37	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	60000	>	2000	2000	Colonies/100 ml	R334017	1000	01/10/2017 15:40	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 17-Jan-17

Client: CCR Environmental, Inc.	Client Sample ID: 2
Project Name: Dunwoody	Collection Date: 1/10/2017 11:30:00 AM
Lab ID: 1701702-003	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	1.6	J	0.8	4.0	mg/L	236347	1	01/13/2017 12:38	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	1500		200	200	Colonies/100 ml	R334017	100	01/10/2017 15:40	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 17-Jan-17

Client: CCR Environmental, Inc.	Client Sample ID: 1
Project Name: Dunwoody	Collection Date: 1/10/2017 11:50:00 AM
Lab ID: 1701702-004	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	3.2	J	0.8	4.0	mg/L	236347	1	01/13/2017 12:39	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	460		20	20	Colonies/100 ml	R334017	10	01/10/2017 15:40	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client CCR Environmental

Work Order Number 1701702

Checklist completed by Alexa Dodge 1/10/17
Signature Date

Carrier name: FedEx UPS Courier Client US Mail Other

Shipping container/cooler in good condition? Yes No Not Present

Custody seals intact on shipping container/cooler? Yes No Not Present

Custody seals intact on sample bottles? Yes No Not Present

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$)* Yes No

Cooler #1 2.3°C Cooler #2 _____ Cooler #3 _____ Cooler #4 _____ Cooler #5 _____ Cooler #6 _____

Chain of custody present? Yes No

Chain of custody signed when relinquished and received? Yes No

Chain of custody agrees with sample labels? Yes AJ 1/10 No

Samples in proper container/bottle? Yes No

Sample containers intact? Yes No

Sufficient sample volume for indicated test? Yes No

All samples received within holding time? Yes No

Was TAT marked on the COC? Yes No

Proceed with Standard TAT as per project history? Yes No Not Applicable

Water - VOA vials have zero headspace? No VOA vials submitted Yes No

Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by AJ

Sample Condition: Good Other(Explain) _____

(For diffusive samples or AIHA lead) Is a known blank included? Yes No

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

Client: CCR Environmental, Inc.
 Project Name: Dunwoody
 Lab Order: 1701702

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1701702-001A	4	1/10/2017 10:55:00AM	Surface Water	FECAL COLIFORM-MF			01/10/2017
1701702-001B	4	1/10/2017 10:55:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		1/13/2017 10:00:00 AM	01/13/2017
1701702-002A	3	1/10/2017 11:10:00AM	Surface Water	FECAL COLIFORM-MF			01/10/2017
1701702-002B	3	1/10/2017 11:10:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		1/13/2017 10:00:00 AM	01/13/2017
1701702-003A	2	1/10/2017 11:30:00AM	Surface Water	FECAL COLIFORM-MF			01/10/2017
1701702-003B	2	1/10/2017 11:30:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		1/13/2017 10:00:00 AM	01/13/2017
1701702-004A	1	1/10/2017 11:50:00AM	Surface Water	FECAL COLIFORM-MF			01/10/2017
1701702-004B	1	1/10/2017 11:50:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		1/13/2017 10:00:00 AM	01/13/2017

Client: CCR Environmental, Inc.
Project Name: Dunwoody
Workorder: 1701702

ANALYTICAL QC SUMMARY REPORT

BatchID: R334017

Sample ID: MB-R334017	Client ID:	Units: Colonies/100ml	Prep Date:	Run No: 334017							
SampleType: MBLK	TestCode: Fecal Coliform (MF) SM9222D-1997	BatchID: R334017	Analysis Date: 01/10/2017	Seq No: 7282636							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fecal Coliform, (MF) BRL 2

Sample ID: MB-R334017-2	Client ID:	Units: Colonies/100ml	Prep Date:	Run No: 334017							
SampleType: MBLK	TestCode: Fecal Coliform (MF) SM9222D-1997	BatchID: R334017	Analysis Date: 01/10/2017	Seq No: 7282654							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fecal Coliform, (MF) BRL 2

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 20, 2017

Jeff Pittman
CCR Environmental, Inc.
3772 Pleasantdale Rd
Atlanta GA 30360

TEL: (770) 458-7943
FAX: (770) 458-2454

RE: Dunwoody

Dear Jeff Pittman:

Order No: 1702B45

Analytical Environmental Services, Inc. received 4 samples on 2/14/2017 12:44:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Jessica Shilling
Project Manager

Analytical Environmental Services, Inc

Date: 20-Feb-17

Client: CCR Environmental, Inc.	Client Sample ID: SITE 1
Project Name: Dunwoody	Collection Date: 2/14/2017 11:20:00 AM
Lab ID: 1702B45-001	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	BRL		0.8	4.0	mg/L	238151	1	02/16/2017 12:25	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	60		20	20	Colonies/100 ml	R336756	10	02/14/2017 15:30	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 20-Feb-17

Client: CCR Environmental, Inc.	Client Sample ID: SITE 2
Project Name: Dunwoody	Collection Date: 2/14/2017 11:38:00 AM
Lab ID: 1702B45-002	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	2.0	J	0.8	4.0	mg/L	238151	1	02/16/2017 12:26	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	7000		2000	2000	Colonies/100 ml	R336756	1000	02/14/2017 15:30	JW

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Not detected at MDL
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- NC Not confirmed

- E Estimated value above quantitation range
- S Spike Recovery outside limits due to matrix
- J Estimated value detected below Reporting Limit
- > Greater than Result value
- < Less than Result value
- Narr See case narrative

Analytical Environmental Services, Inc

Date: 20-Feb-17

Client: CCR Environmental, Inc.	Client Sample ID: SITE 3
Project Name: Dunwoody	Collection Date: 2/14/2017 12:05:00 PM
Lab ID: 1702B45-003	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	BRL		0.8	4.0	mg/L	238151	1	02/16/2017 12:26	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	240		20	20	Colonies/100 ml	R336756	10	02/14/2017 15:30	JW

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated value above quantitation range
	BRL Not detected at MDL	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	J Estimated value detected below Reporting Limit
	N Analyte not NELAC certified	> Greater than Result value
	B Analyte detected in the associated method blank	< Less than Result value
	NC Not confirmed	Narr See case narrative

Analytical Environmental Services, Inc

Date: 20-Feb-17

Client: CCR Environmental, Inc.	Client Sample ID: SITE 4
Project Name: Dunwoody	Collection Date: 2/14/2017 12:20:00 PM
Lab ID: 1702B45-004	Matrix: Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	1.6	J	0.8	4.0	mg/L	238151	1	02/16/2017 12:27	AD
Fecal Coliform (MF) SM9222D-1997									
Fecal Coliform, (MF)	90		20	20	Colonies/100 ml	R336756	10	02/14/2017 15:30	JW

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated value above quantitation range
	BRL Not detected at MDL	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	J Estimated value detected below Reporting Limit
	N Analyte not NELAC certified	> Greater than Result value
	B Analyte detected in the associated method blank	< Less than Result value
	NC Not confirmed	Narr See case narrative

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?					
29. Containers meet preservation guidelines?					
30. Was pH adjusted?					

I certify that I have completed sections 28-30 (dated initials). _____

Client: CCR Environmental, Inc.
 Project Name: Dunwoody
 Lab Order: 1702B45

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1702B45-001A	SITE 1	2/14/2017 11:20:00AM	Surface Water	FECAL COLIFORM-MF			02/14/2017
1702B45-001B	SITE 1	2/14/2017 11:20:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		2/16/2017 9:30:00 AM	02/16/2017
1702B45-002A	SITE 2	2/14/2017 11:38:00AM	Surface Water	FECAL COLIFORM-MF			02/14/2017
1702B45-002B	SITE 2	2/14/2017 11:38:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		2/16/2017 9:30:00 AM	02/16/2017
1702B45-003A	SITE 3	2/14/2017 12:05:00PM	Surface Water	FECAL COLIFORM-MF			02/14/2017
1702B45-003B	SITE 3	2/14/2017 12:05:00PM	Surface Water	Residue, Suspended (TSS) by SM2540D		2/16/2017 9:30:00 AM	02/16/2017
1702B45-004A	SITE 4	2/14/2017 12:20:00PM	Surface Water	FECAL COLIFORM-MF			02/14/2017
1702B45-004B	SITE 4	2/14/2017 12:20:00PM	Surface Water	Residue, Suspended (TSS) by SM2540D		2/16/2017 9:30:00 AM	02/16/2017

Client: CCR Environmental, Inc.
Project Name: Dunwoody
Workorder: 1702B45

ANALYTICAL QC SUMMARY REPORT

BatchID: R336756

Sample ID: MB-R336756	Client ID:	Units: Colonies/100ml	Prep Date:	Run No: 336756							
SampleType: MBLK	TestCode: Fecal Coliform (MF) SM9222D-1997	BatchID: R336756	Analysis Date: 02/14/2017	Seq No: 7352970							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fecal Coliform, (MF) BRL 2

Sample ID: MB-R336756-2	Client ID:	Units: Colonies/100ml	Prep Date:	Run No: 336756							
SampleType: MBLK	TestCode: Fecal Coliform (MF) SM9222D-1997	BatchID: R336756	Analysis Date: 02/14/2017	Seq No: 7352981							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fecal Coliform, (MF) BRL 2

Sample ID: MB-R336756-3	Client ID:	Units: Colonies/100ml	Prep Date:	Run No: 336756							
SampleType: MBLK	TestCode: Fecal Coliform (MF) SM9222D-1997	BatchID: R336756	Analysis Date: 02/14/2017	Seq No: 7352987							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Fecal Coliform, (MF) BRL 2

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	