# 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

Jessian Shilling

Project Manager

#### CHAIN C

Page \_\_\_\_\_of

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

F CUSTODY	Work Order:	1701702
	_	

COMPANY:	ADDRESS: 3772 Pleasantdale 1d Suite MOS 156 Attanta, 6+30340						ANAI	YSIS	REQ	JESTE	D		- 205	Visit our website				
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PHONE: 776-458-7943	FAX:	14 100 14 0	,,,,,,														to check on the status of your results, place	iners
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SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONS				T BUSIN	VESS DA				RKET	ON C	OC Al	ES WII	SVO-PARTIALIVA		AS STA	NDARD 7	<u> </u>	
SAMPLES RECEIVED AFTER 3FM OR SATURDAT ARE CONS																		

Client: CCR Environmental, Inc.

Project: Dunwoody
Lab ID: 1701702

Case Narrative

Date:

17-Jan-17

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)".

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	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	5)	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	R334017	1000	01/10/2017 15:40	JW

Date:

17-Jan-17

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

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	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	6) 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	R334017	1000	01/10/2017 15:40	JW

Date:

17-Jan-17

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

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	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	s) 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

Date:

17-Jan-17

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

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) k	oy 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	R334017	10	01/10/2017 15:40	JW

Date:

17-Jan-17

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

# Sample/Cooler Receipt Checklist

Client LCR Environmental		Work Orde	r Number 1701702
Client CR Environmental  Checklist completed by Huy May Juste Bate	0/17		
Carrier name: FedEx UPS Courier Client US	S Mail Other	r	
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°≤6°C)	*Yes 🖊	No	
Cooler #1 Cooler #2 Cooler #3	Cooler #4 _	Co	oler#5 Cooler #6
Chain of custody present?	Yes 🗸	No _	
Chain of custody signed when relinquished and received?	Yes 1	. No	
Chain of custody agrees with sample labels?	Yes Villo		
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 su	ubmitted	Yes	No
Water - pH acceptable upon receipt?	Yes	No	Not Applicable
Adjusted?	Che	cked by	47
Sample Condition: Good Other(Explain)		J-,	
(For diffusive samples or AIHA lead) Is a known blank include	ded? Yes		No 1

#### See Case Narrative for resolution of the Non-Conformance.

<sup>\*</sup> Samples do not have to comply with the given range for certain parameters.

**Date:** 17-Jan-17

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	er FECAL COLIFORM-MF			01/10/2017
1701702-001B	4	1/10/2017 10:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	1/13/2017 10:00:00 AM	01/13/2017
1701702-002A	3	1/10/2017 11:10:00AM	Surface Water	er FECAL COLIFORM-MF			01/10/2017
1701702-002B	3	1/10/2017 11:10:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	1/13/2017 10:00:00 AM	01/13/2017
1701702-003A	2	1/10/2017 11:30:00AM	Surface Water	er FECAL COLIFORM-MF			01/10/2017
1701702-003B	2	1/10/2017 11:30:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	1/13/2017 10:00:00 AM	01/13/2017
1701702-004A	1	1/10/2017 11:50:00AM	Surface Water	er FECAL COLIFORM-MF			01/10/2017
1701702-004B	1	1/10/2017 11:50:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	1/13/2017 10:00:00 AM	01/13/2017

CCR Environmental, Inc. **Client:** 

> Dunwoody 1701702

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

17-Jan-17

BatchID: 236347

Sample ID: <b>MB-236347</b>	Client ID:				Units:	mg/L	Prep	Date: (	01/13/2017	Run No: 334231
SampleType: MBLK	TestCode: R	Residue, Suspended (TSS	) by SM2540D		BatchII	D: <b>236347</b>	Ana	lysis Date: (	01/13/2017	Seq No: <b>7288342</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC I	Low Limit	High Limit	RPD Ref V	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1701786-001BDUP	Client ID:				Units:	mg/L	Prep	Date: (	01/13/2017	Run No: <b>334231</b>
SampleType: <b>DUP</b>	TestCode: R	Residue, Suspended (TSS	) by SM2540D		BatchII	D: <b>236347</b>	Ana	lysis Date: (	01/13/2017	Seq No: <b>7288344</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC I	Low Limit	High Limit	RPD Ref V	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	538.0	20.0						528.0	1.88	5
Sample ID: 1701787-001BDUP	Client ID:				Units:	mg/L	Prep	Date: (	01/13/2017	Run No: <b>334231</b>
SampleType: <b>DUP</b>	TestCode: R	Residue, Suspended (TSS	) by SM2540D		BatchII	D: <b>236347</b>	Ana	lysis Date: (	01/13/2017	Seq No: <b>7288347</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC I	Low Limit	High Limit	RPD Ref V	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	228.0	20.0						232.0	1.74	5

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

S Spike Recovery outside limits due to matrix

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

CCR Environmental, Inc. **Client:** 

**Project Name:** 

Fecal Coliform, (MF)

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

17-Jan-17

Dunwoody 1701702 BatchID: R334017

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

Qualifiers: > Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

**BRL** 

2

Analyte not NELAC certified

Less than Result value

S Spike Recovery outside limits due to matrix

Estimated (value above quantitation range)

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

R RPD 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

Jessian Shilling

Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 17021345

3080 Presidential Drive. Atlanta GA 30340-3704

 $\mathbf{AES} \quad \text{TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188}$ 

Date: 2,14,17 Page of

COMPANY:	ADDRESS: 3772 Pleas	antidale Rd	ANALY!	Visit our website	
	Atlante,	antdale Rd SA 30340	War		www.aesatlanta.com to check on the status of
PHONE: 770-458-7943	FAX:	P	COL		
PHONE: 770-458-7943 SAMPLED BY: Randy Frearrotta	SIGNATURE:	Valent -	N N N N N N N N N N N N N N N N N N N		bottle orders, etc.
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# SAMPLE ID	DATE TIME	Grab Composite Matrix (See codes)	I,O I	A HOW (See Codes)	REMARKS
1 Site 1	2.14.17 11:20	X SW	XX		0=Na25,03 2
2 Site 2	11:38				
3 51H 3 1 51L 4	12:26				2
5					
6					
7					
9					
10					
11					
12					
13					
RELINQUISHED BY DATE/TIME:	RECEIVED BY:	DATE/TIME:	PROTOGRAPHIA	TINFORMATION	RECEIPT
12 June 2.14.17/12:44	Lypsa Hi	7 2/12/17	Duni	woode)	Total # of Containers
2:	2:	/	PROJECT #: SITE ADDRESS:		Tumaround Time Request
3:	77.				Standard 5 Business Days  2 Business Day Rush
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT	METHOD:	SEND REPORT TO: INVOICE TO:		Next Business Day Rush
of Bellia Invikoe Honoreominen 15.	OUT / /	VIA:	(IF DIFFERENT FROM ABOVE)		Same Day Rush (auth req.)  Other
	IN / / CLIENT )FedEx UP	VIA: S MAIL COURIER			STATE PROGRAM (if any):
	GREYHOUND OT		QUOTE #:	PO#:	E-mail? Fax?  DATA PACKAGE: I O II O III O IV O
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSI SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION				AES WILL PROCEED AS STANDARD T.	AT.

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

Date:

20-Feb-17

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

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	R336756	1000	02/14/2017 15:30	JW

Date:

20-Feb-17

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

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	s) 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

Date:

20-Feb-17

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

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	s) 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	R336756	10	02/14/2017 15:30	JW

Date:

20-Feb-17

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



#### SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name:				AES Work Order Number	er:
2. Carrier: FedEx UPS USPS Client Courier Other					
	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?			T	damaged leaking other	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice	
7. temperature recordings.]				present	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and receive	d?				
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 T	erms & Conditions.
13. Cooler 1 Temperature °C Cooler 2 Temperature Cooler 5 Temperature °C Cooler 6 Temperature			°C		er 4 Temperature°C
Cooler 5 Temperature °C Cooler 6 Temperature		0(	С	Cooler 7 Temperature °C Coole	r 8 Temperature °C
					<del></del>
15. Comments:					
				I certify that I have c	ompleted sections 1-15 (dated initials).
	Yes	No	NI/A	Details	Comments
16. Were sample containers intact upon receipt?	1 1 1 1 1 1	No	N/A	Details	Comments
17. Custody seals present on sample containers?			1		
18. Custody seals intact on sample containers?					
18. Custody seals intact on sample containers:				incomplete info   illegible	
19. Do sample container labels match the COC?				incomplete info illegible other other	
20. Are analyses requested indicated on the COC?	_			no label	
20. Are analyses requested indicated on the coc:	+			samples received but not listed on COC	
21. Were all of the samples listed on the COC received?				samples listed on COC not received	
22. Was the sample collection date/time noted?	_			samples listed on COC not received	
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)?			1		
26. Were trip blanks submitted?	_			listed on COC not listed on COC	
20. Were trip blanks submitted:				listed off COC flot listed off COC	
27. Comments:					
				I certify that I have c	ompleted sections 16-27 (dated initials).
	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?	1 1 1 1 1 1	NU	IV/A	Details	Comments
29. Containers meet preservation guidelines?	+	1	+		
30. Was pH adjusted?	+	1	1		
3υ. was μπ aujusteu?					

**Date:** 22-Feb-17

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

20-Feb-17 Date:

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

**Project Name:** Dunwoody Workorder: 1702B45

BatchID: 238151

Sample ID: MB-238151 SampleType: MBLK	Client ID: TestCode:	Residue, Suspended (TSS)	oy SM2540D		Units: Batch	mg/L ID: <b>238151</b>		Date: lysis Date:	02/16/2017 02/16/2017	Run No: <b>336581</b> Seq No: <b>7348551</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1702B21-002ADUP	Client ID:				Units:	mg/L	Prep	Date:	02/16/2017	Run No: 336581
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS)	by SM2540D		Batch	ID: <b>238151</b>	Ana	lysis Date:	02/16/2017	Seq No: <b>7348553</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	190.0	20.0						194.0	2.08	5
Sample ID: 1702B80-001BDUP	Client ID:				Units:	mg/L	Prep	Date:	02/16/2017	Run No: <b>336581</b>
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS)	by SM2540D		Batch	ID: <b>238151</b>	Ana	lysis Date:	02/16/2017	Seq No: <b>7348564</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	386.0	20.0						396.0	2.56	5

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

Client: CCR Environmental, Inc.

1702B45

**Project Name:** 

Workorder:

CCR Environmental, Inc Dunwoody

ANALYTICAL QC SUMMARY REPORT

Date:

20-Feb-17

BatchID: R336756

Sample ID: MB-R336756	Client ID:			Units: Colonies/100ml Prep Date:	Run No: <b>336756</b>
SampleType: MBLK	TestCode: Feca	l Coliform (MF)	SM9222D-1997	BatchID: <b>R336756</b> Analysis Date: <b>02/14/2017</b>	Seq No: <b>7352970</b>
Analyte	Result	RPT Limit	SPK value SPK Ref	Val %REC Low Limit High Limit RPD Ref Val %RPI	RPD Limit Qual
Fecal Coliform, (MF)	BRL	2			
Sample ID: MB-R336756-2	Client ID:			Units: Colonies/100ml Prep Date:	Run No: <b>336756</b>
SampleType: MBLK	TestCode: Feca	l Coliform (MF)	SM9222D-1997	BatchID: <b>R336756</b> Analysis Date: <b>02/14/2017</b>	Seq No: <b>7352981</b>
Analyte	Result	RPT Limit	SPK value SPK Ref	Val %REC Low Limit High Limit RPD Ref Val %RPI	RPD Limit Qual
Fecal Coliform, (MF)	BRL	2			
Sample ID: MB-R336756-3	Client ID:			Units: Colonies/100ml Prep Date:	Run No: <b>336756</b>
SampleType: MBLK	TestCode: Feca	l Coliform (MF)	SM9222D-1997	BatchID: <b>R336756</b> Analysis Date: <b>02/14/2017</b>	Seq No: <b>7352987</b>
Analyte	Result	RPT Limit	SPK value SPK Ref	Val %REC Low Limit High Limit RPD Ref Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2			

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix