# ANALYTICAL ENVIRONMENTAL SERVICES, INC.



January 18, 2016

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: 1601753

Analytical Environmental Services, Inc. received 4 samples on 1/12/2016 3:50:00 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' certifications are as follows:

- -NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Westervelt

Project Manager

# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

nu 1-12-16

COMPANY:	ADDRESS:	Date, f	Page of
CCRENU		ANALYSIS REQUESTED	Visit our website
PHONE: 7-458-7943 SAMPLED BY: LIVIS Crow	FAX: SIGNATURE:	1 2 Colifo	www.aesatlanta.com to check on the status of your results, place bottle orders, etc.
# SAMPLE ID	Composite Composite Date Date Date Date Date Date Date Da	PRESERVATION (See codes)	, REMARKS
1 5to 2	1-12-16 2:30P X Su		0= Sodly Thio 7
2	2:438 (		1 200
3 3	3:04P	<del>                                      </del>	2
4 24	V 3:201 V		7
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6		<del>                                      </del>	
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14		<del>+++++++++++++++++++++++++++++++++++++</del>	
RELINQUISHED BY DATE/TIME	RECEIVED BY DATE/TIM	PROJECT INFORMATION	RECEIPT
GELINQUISHED BY DATE/TIME 3550/1-72-	M. S. 1/12/10 3:50	PROJECT NAME: DUNWOODS	Total # of Containers
•	2:	PROJECT #:	
:	3:	SITE ADDRESS:	Turnaround Time Request  Standard 5 Business Days
	3.		O 2 Business Day Rush
PECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT METHOD	SEND REPORT TO: INVOICE TO:	Next Business Day Rush
	OUT / / VIA:	(IF DIFFERENT FROM ABOVE)	O Same Day Rush (auth req.) Other
l	IN VIA: CLIENT FEDEX UPS MAIL COURIER		STATE PROGRAM (if any):
AMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CO	GREYHOUND OTHER	QUOTE #: PO#:	E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III IV
AMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLET	NSIDERED RECEIVED THE NEXT BUSINESS DAY. IF T FION UNLESS OTHER ARRANGEMENTS ARE MADE.	QUOTE #:PO#: URNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH ST	TANDARD TAT OF SAMPLES.
AATRIX CODES: A = Air GW = Groundwater SE = Sediment	SO = Soil SW = Surface Water W = Water (Clarks) To		

Client: CCR Environmental, Inc.

Project: Dunwoody
Lab ID: 1601753

Case Narrative

Date:

18-Jan-16

Sample Receiving Nonconformance:

Sample information on the Chain of Custody did not match that on the sample bottle labels for sample 1601753-001A. Sample 1601753-001A has a collection time on the COC of 14.30, however on the sample container it was written as 14:20. Samples were logged in using the information on the COC.

Client: CCR Environmental, Inc. Client Sample ID: SI6 2

Project Name: Dunwoody Collection Date: 1/12/2016 2:30:00 PM

Lab ID: 1601753-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	3.2		0.8	3.2	mg/L	218452	1	01/14/2016 16:16	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		120		20	20	Colonies/100	R308373	10	01/12/2016 17:50	MU

Date:

18-Jan-16

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: SI6 1

**Project Name:** Dunwoody Collection Date: 1/12/2016 2:43:00 PM

Lab ID: 1601753-002 Matrix: Surface Water

Analyses	Res	sult (	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by	SM2540D									
Residue, Suspended (TSS)	4.	.8		0.8	3.2	mg/L	218452	1	01/14/2016 16:17	JS
Fecal Coliform (MF) SM	19222D-1997									
Fecal Coliform, (MF)	5	8		2	2	Colonies/100 ml	R308373	1	01/12/2016 17:50	MU

Date:

18-Jan-16

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: SI6 3

**Project Name:** Dunwoody Collection Date: 1/12/2016 3:04:00 PM

Lab ID: 1601753-003 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		0.8	3.2	mg/L	218452	1	01/14/2016 16:17	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		36		2	2	Colonies/100	R308373	1	01/12/2016 17:50	MU

Date:

18-Jan-16

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: SI6 4

Project Name: Dunwoody Collection Date: 1/12/2016 3:20:00 PM

Lab ID: 1601753-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	) by SM2540D									
Residue, Suspended (TSS)	)	12.0		0.8	3.2	mg/L	218452	1	01/14/2016 16:18	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		55000		2000	2000	Colonies/100	R308373	1000	01/12/2016 17:50	MU

Date:

18-Jan-16

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 CCR Env.	٠	Work Ord	fer Number 1601753
Checklist completed by Signature Da	2 16 te		
Carrier name: FedEx UPS Courier Client U	JS Mail Oth	ner	<del></del>
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 <u></u>	No	
Cooler #1 3, 6 Cooler #2 Cooler #3	Cooler #4	Co	ooler#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	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 su	ıbmitted 🔟	Yes	No / \\\\
Water - pH acceptable upon receipt?	Yes	No	No
Adjusted?	Che	cked by	Ly
Sample Condition: Good Other(Explain)			0 '
For diffusive samples or AIHA lead) Is a known blank includ	led? Yes	^	10

See Case Narrative for resolution of the Non-Conformance.

 $\verb|\Aes_server|| Sample_Cooler_Receipt_My Documents | COCs and pH Adjustment Sheet | Sample_Cooler_Receipt_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf| | Sample_Checklist_Rev1.rtf|$ 

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

**Date:** 19-Jan-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1601753

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1601753-001A	SI6 2	1/12/2016 2:30:00PM	Surface Water	er FECAL COLIFORM-MF			01/12/2016
1601753-001B	SI6 2	1/12/2016 2:30:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	1/14/2016 11:30:00AM	01/14/2016
1601753-002A	SI6 1	1/12/2016 2:43:00PM	Surface Water	er FECAL COLIFORM-MF			01/12/2016
1601753-002B	SI6 1	1/12/2016 2:43:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	1/14/2016 11:30:00AM	01/14/2016
1601753-003A	SI6 3	1/12/2016 3:04:00PM	Surface Water	er FECAL COLIFORM-MF			01/12/2016
1601753-003B	SI6 3	1/12/2016 3:04:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	1/14/2016 11:30:00AM	01/14/2016
1601753-004A	SI6 4	1/12/2016 3:20:00PM	Surface Water	er FECAL COLIFORM-MF			01/12/2016
1601753-004B	SI6 4	1/12/2016 3:20:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	1/14/2016 11:30:00AM	01/14/2016

Client: CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT

Date:

18-Jan-16

**Project Name:** Dunwoody **Workorder:** 1601753

BatchID: 218452

Sample ID: MB-218452	Client ID:				Units: mg/L	Prep Date:	01/14/2016	Run No: 308292
SampleType: MBLK	TestCode: F	Residue, Suspended (TSS)	by SM2540D		BatchID: 218452	Analysis Date:	01/14/2016	Seq No: <b>6616982</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	BRL	5.0						
Sample ID: <b>1601760-001ADUP</b>	Client ID:				Units: mg/L	Prep Date:	01/14/2016	Run No: <b>308292</b>
SampleType: <b>DUP</b>	TestCode: F	Residue, Suspended (TSS)	by SM2540D		BatchID: 218452	Analysis Date:	01/14/2016	Seq No: <b>6616995</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	3.500	5.0				3.500	0	5 J
Sample ID: 1601818-001ADUP	Client ID:				Units: mg/L	Prep Date:	01/14/2016	Run No: 308292
SampleType: <b>DUP</b>	TestCode: F	Residue, Suspended (TSS)	by SM2540D		BatchID: 218452	Analysis Date:	01/14/2016	Seq No: 6616984
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	2.500	5.0				2.500	0	5 J

Qualifiers: > Greater than Result value

BRL Below reporting limit

J Estimated value detected below Reporting Limit

value < 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

**Client:** CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT Dunwoody

**Project Name:** Workorder: 1601753 BatchID: R308373

Sample ID: MB-R308373 Colonies/100ml Prep Date: Client ID: Run No: 308373 Units: TestCode: Fecal Coliform (MF) SampleType: MBLK SM9222D-1997 BatchID: R308373 Analysis Date: 01/12/2016 Seq No: 6618511 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-R308373-2 Client ID: Units: Colonies/100ml Prep Date: Run No: 308373 TestCode: Fecal Coliform (MF) SM9222D-1997 BatchID: R308373 SampleType: MBLK Analysis Date: 01/12/2016 Seq No: 6618516 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

> BRL Below reporting limit

Estimated value detected below Reporting Limit

Rpt Lim Reporting Limit

Less than Result value

Estimated (value above quantitation range)

Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

Holding times for preparation or analysis exceeded

Date:

18-Jan-16

# ANALYTICAL ENVIRONMENTAL SERVICES, INC.



February 15, 2016

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: 1602863

Analytical Environmental Services, Inc. received 4 samples on 2/9/2016 2:40:00 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' certifications are as follows:

- -NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- -AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Tara Westervelt

Project Manager

3080 Presidential Drive, Atlanta GA 30340-3704

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

COMPANY:	ADDRESS:	2 Pleasa	antd O	ale	Rd.				ΑÌ	NALYS	SIS RE	QUES	STED			V	isit our website	
PHONE: 776-458-7943	FAX:	- Canta,	2R :		* <i>O</i>	colificion	N									to che	v.aesatlanta.com cck on the status of results, place bottle	ners
SAMPLED BY: Randy Fi Karrotta	SIGNATURE:	Z S	Lie			Fecul co	75										orders, etc.	No # of Containers
# SAMPLE ID	SAM	PLED		site	odes)	ريق			PR	ESER	ATION	J (See	nodes)				M.W	0 # 0N
	DATE	TIME	Grab	Composite	Matrix (See codes)		ī										REMARKS	
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DATE/TIME  1: 2.9.16  2:40 pm	1:	Mayle 2	19/10	0 2	6pm	РКОЛ	ECT NA	AME:	Du	دار	ے میں د	) A.	7				Total # of Containers	8
2:	2:	1				PROJ	ECT#:	15	02	- W	AQ	- (	6				Turnaround Time Request	
3:	3:					SITE	ADDRI	ESS:								0	Standard 5 Business Days	
•	J.					SENIC	REPO	рт тс	١,				J	***		18	2 Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:	-	SHIPMENT	METHO	D D		+	ICE TO		<i>.</i>								Next Business Day Rush	
	OUT /	1	VIA:	_					ROM A	BOVE)						lŏ	Same Day Rush (auth req.) Other	,
	IN		VIA:													STATE PF	OGRAM (if any):	
		MARKE	'S MAI HER	L COU	CIER	QUO:	MC #.					DC."				E-mail?	Y/N; Fax? Y/N	
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CO	NSIDERED PE	CEIVED THE	NEVTE	USINESS	DAY, IF T			TIMIT	E IS N	OT IN	ICATE	PO#;	S WILL	PROCEE	D WITH	DATA P	ACKAGE: I II III	IV
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLE	TION UNLESS	OTHER ARRA	NCEME	NTS ARI	MADE.											~ ~~ ~~ · · · · · · · · · · · · · · · ·	- MI OF SAMILDED.	

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface water W - Water (Diaties)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

Project Name:DunwoodyCollection Date:2/9/2016 1:35:00 PMLab ID:1602863-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	5)	2.8	J	0.8	3.2	mg/L	219661	1	02/10/2016 16:13	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		350		20	20	Colonies/100	R310374	10	02/09/2016 17:15	JW

Date:

15-Feb-16

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

Client: CCR Environmental, Inc. Client Sample ID: SITE 1

Project Name:DunwoodyCollection Date:2/9/2016 1:15:00 PMLab ID:1602863-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	s) by SM2540D									
Residue, Suspended (TSS	)	6.0		0.8	3.2	mg/L	219661	1	02/10/2016 16:14	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		32		2	2	Colonies/100	R310374	1	02/09/2016 17:15	JW

Date:

15-Feb-16

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:DunwoodyCollection Date:2/9/2016 2:10:00 PMLab ID:1602863-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	11.2		0.8	3.2	mg/L	219723	1	02/11/2016 16:04	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		5200		200	200	Colonies/100	R310374	100	02/09/2016 17:15	JW

Date:

15-Feb-16

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

5 of 11

Client: CCR Environmental, Inc. Client Sample ID: SITE 3

Project Name:DunwoodyCollection Date:2/9/2016 1:55:00 PMLab ID:1602863-004Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	6S) by SM2540D									
Residue, Suspended (TS	SS)	2.8	J	0.8	3.2	mg/L	219723	1	02/11/2016 16:05	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		250		20	20	Colonies/100	R310374	10	02/09/2016 17:15	JW

Date:

15-Feb-16

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 CR EN		Work Order Nu	mber [603863
Checklist completed by Signature D	7-9-16 atc		
Carrier name: FedEx UPS Courier Client	US Mail Ot	ner	
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		No	
Cooler #1 520 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 _	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 s	ubmitted 🖊	Yes 1	No
Water - pH acceptable upon receipt?		No _ Not A	
Adjusted?	Che	cked by	
Sample Condition: Good Other(Explain)			<del></del>
For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	_ No _	•

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: 16-Feb-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1602863

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1602863-001A	SITE 2	2/9/2016 1:35:00PM	Surface Water	er FECAL COLIFORM-MF			02/09/2016
1602863-001B	SITE 2	2/9/2016 1:35:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	2/10/2016 1:00:00 PM	02/10/2016
1602863-002A	SITE 1	2/9/2016 1:15:00PM	Surface Water	er FECAL COLIFORM-MF			02/09/2016
1602863-002B	SITE 1	2/9/2016 1:15:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	2/10/2016 1:00:00 PM	02/10/2016
1602863-003A	SITE 4	2/9/2016 2:10:00PM	Surface Water	er FECAL COLIFORM-MF			02/09/2016
1602863-003B	SITE 4	2/9/2016 2:10:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	2/11/2016 12:00:00 PM	02/11/2016
1602863-004A	SITE 3	2/9/2016 1:55:00PM	Surface Water	er FECAL COLIFORM-MF			02/09/2016
1602863-004B	SITE 3	2/9/2016 1:55:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	2/11/2016 12:00:00 PM	02/11/2016

CCR Environmental, Inc. **Client:** 

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT Dunwoody

1602863 BatchID: 219661

Sample ID: MB-219661	Client ID:			Units: mg/L	Prep Date: 02/10/2016	Run No: <b>310171</b>
SampleType: MBLK	TestCode:	Residue, Suspended (TSS) by SM2540	)D	BatchID: 219661	Analysis Date: 02/10/2016	Seq No: 6660798
Analyte	Result	RPT Limit SPK val	ue SPK Ref Val	%REC Low Limit High	h Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0				
Sample ID: 1602811-002ADUP	Client ID:			Units: mg/L	Prep Date: 02/10/2016	Run No: 310171
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2540	)D	BatchID: 219661	Analysis Date: 02/10/2016	Seq No: <b>6660800</b>
Analyte	Result	RPT Limit SPK val	ue SPK Ref Val	%REC Low Limit High	h Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	3.000	5.0			3.000	0 5 J
Sample ID: 1602922-001ADUP	Client ID:			Units: mg/L	Prep Date: 02/10/2016	Run No: 310171
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2540	)D	BatchID: 219661	Analysis Date: 02/10/2016	Seq No: <b>6660811</b>
Analyte	Result	RPT Limit SPK val	ue SPK Ref Val	%REC Low Limit High	h Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	3.500	5.0			3.500	0 5 J
Sample ID: 1602966-001ADUP	Client ID:			Units: mg/L	Prep Date: 02/10/2016	Run No: 310171
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2546	)D	BatchID: 219661	Analysis Date: 02/10/2016	Seq No: 6660819
Analyte	Result	RPT Limit SPK val	ue SPK Ref Val	%REC Low Limit High	h Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	236.0	10.0			234.0 0.8	351 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

15-Feb-16

Date:

**Client:** CCR Environmental, Inc. ANALYTICAL QC SUMMARY REPORT

Date:

15-Feb-16

Dunwoody **Project Name:** 1602863 Workorder:

BatchID: 219723

Sample ID: MB-219723 SampleType: MBLK	Client ID: TestCode: I	Residue, Suspended (TSS)	) by SM2540D		Unit Bate	ehID: <b>219723</b>		Date: llysis Date:	02/11/2016 02/11/2016	Run No: <b>310261</b> Seq No: <b>6663086</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1602896-001CDUP	Client ID:				Unit	s: mg/L	Prep	Date:	02/11/2016	Run No: <b>310261</b>
SampleType: <b>DUP</b>	TestCode: I	Residue, Suspended (TSS)	) by SM2540D		Batc	ehID: 219723	Ana	lysis Date:	02/11/2016	Seq No: 6663089
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	15.50	5.0						15.50	0	5
Sample ID: 1602A31-001ADUP	Client ID:				Unit	s: mg/L	Prep	Date:	02/11/2016	Run No: 310261
SampleType: <b>DUP</b>	TestCode: I	Residue, Suspended (TSS)	) by SM2540D		Batc	ehID: 219723	Ana	lysis Date:	02/11/2016	Seq No: <b>6663103</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	31.00	5.0						30.50	1.63	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

**Client:** CCR Environmental, Inc. ANALYTICAL QC SUMMARY REPORT

Dunwoody **Project Name:** 1602863 Workorder:

BatchID: R310374

Date:

15-Feb-16

Sample ID: MB-R310374	Client ID:				Units	: Colonies/100r	ml Prep Date:		Run No: 310374
SampleType: MBLK	TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Batch	nID: <b>R310374</b>	Analysis Date	2 02/09/2016	Seq No: <b>6666062</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	n Limit RPD R	ef Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							
Sample ID: MB-R310374	Client ID:				Units	: Colonies/100r	ml Prep Date:		Run No: <b>310374</b>
SampleType: MBLK	TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Batch	nID: <b>R310374</b>	Analysis Date	02/09/2016	Seq No: <b>6666076</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	n Limit RPD R	ef 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

# ANALYTICAL ENVIRONMENTAL SERVICES, INC.



March 15, 2016

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: 1603906

Analytical Environmental Services, Inc. received 4 samples on 3/9/2016 1:43:00 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 07/01/15-06/30/16.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/15-06/30/16.
- -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, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tara Westervelt

Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1603906

3080 Presidential Drive, Atlanta GA 30340-3704 AES TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

Date: 3.9.16 Page of

OMPANY:	ADDRESS:				Date: 3.4.6 Page of
CCR ENV	3772 Pleasant d Suite 150	ale Rd.		ANALYSIS REQUESTED	Visit our website
MPLED BY: Randy Ficarcotta	Atlantá, 6A 3 FAX:		calforn		www.aesatlanta.com to check on the status of your results, place bottle
# SAMPLE ID	SAMPLED SAMPLED		L S L	PRESERVATION (See codes)	orders, etc.
Site 2	DATE TIME E	Composite Matrix (See codes)	I,0 I	TRESERVATION (See codes)	REMARKS
Site 2 Site 1	3.9.16 12:05 pm X	SW	$\times \times$		0=Na25z03
Site 4	12:45 pm				
	1.13 60				
NOUISHED BY DATE/TII	Æ RECEIVEDBY	, DATE/TIME		DIO WAR IN THE RESERVE OF THE RESERV	
Simul 3.9.14 (:43	Pr Hoorses	391/2	DDOTECTERAL	PROJECT INFORMATION  Dunwoody	RECEIPT  Total # of Containers
	3:		PROJECT #: SITE ADDRESS:	502-WAR-16	Turnaround Time Request  Standard 5 Business Days
IAL INSTRUCTIONS/COMMENTS:	SHIPMENT METHOL	D	SEND REPORT TO: INVOICE TO: (IF DIFFERENT FROM	ABOVE)	2 Business Day Rush Next Business Day Rush Same Day Rush (auth req.)
	CLIEN FedEx UPS MAIL				Other  STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/N
PLES RECEIVED AFTER 3PM OR ON SATURDAY ARE PLES ARE DISPOSED 30 DAYS AFTER REPORT COMP	CONCIDED BACCHELL	ISTANCE DAY AND	QUOTE #:	PO#:	DATA PACKAGE: I II III IV

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

**Project Name:** Dunwoody Collection Date: 3/9/2016 12:05:00 PM

Lab ID: 1603906-001 Matrix: Surface Water

L					Reporting	п				
Analyses		Result Onal VIDI		Limit	Units	BatchID	DF	Date Analyzed	Analyst	
Residue, Suspended (TSS	) by SM2540D									
Residue, Suspended (TSS)	)	1.6	J	0.8	3.2	mg/L	221023	1	03/11/2016 15:45	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		90		20	20	Colonies/100	R312409	10	03/09/2016 17:10	MU

Date:

15-Mar-16

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 1

**Project Name:** Dunwoody Collection Date: 3/9/2016 12:25:00 PM

Lab ID: 1603906-002 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	3.2	mg/L	221023	1	03/11/2016 15:45	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		27		2	2	Colonies/100 ml	R312409	1	03/09/2016 17:10	MU

Date:

15-Mar-16

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: 3/9/2016 12:45:00 PM

Lab ID: 1603906-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	6) by SM2540D									
Residue, Suspended (TSS	)	1.2	J	0.8	3.2	mg/L	221023	1	03/11/2016 15:50	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		260		20	20	Colonies/100	R312409	10	03/09/2016 17:10	MU

Date:

15-Mar-16

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:DunwoodyCollection Date:3/9/2016 1:15:00 PMLab ID:1603906-004Matrix: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	3.2	mg/L	221023	1	03/11/2016 15:51	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		80		20	20	Colonies/100	R312409	10	03/09/2016 17:10	MU

Date:

15-Mar-16

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

ClientCR		Work O	rder Number	1603906
Checklist completed by Signature Da	3-9-16			,
Carrier name: FedEx UPS Courier Client U	JS Mail Oth	er		
Shipping container/cooler in good condition?	Yes _	No	Not Present	<del></del> _
Custody seals intact on shipping container/cooler?			Not Present	
Custody seals intact on sample bottles?	Yes	No	Not Present	
Container/Temp Blank temperature in compliance? (0°≤6°C		No		
Cooler #1 5.6°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 _	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 No		
Proceed with Standard TAT as per project history?	Yes	· <del></del>	Not Applical	ole /
Water - VOA vials have zero headspace? No VOA vials so	abmitted/	Yes _	•	<del></del>
Water - pH acceptable upon receipt?	Yes _	No	Not Applicat	ole
Adjusted?	Che	cked by	A	
Sample Condition: Good Other(Explain)		•	/	-
(For diffusive samples or AIHA lead) Is a known blank include	led? Yes		No	<del>_</del>

See Case Narrative for resolution of the Non-Conformance.

\\Aes\_server\\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

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

**Date:** 16-Mar-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1603906

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1603906-001A	SITE 2	3/9/2016 12:05:00PM	Surface Water	er FECAL COLIFORM-MF			03/09/2016
1603906-001B	SITE 2	3/9/2016 12:05:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	3/11/2016 12:00:00 PM	03/11/2016
1603906-002A	SITE 1	3/9/2016 12:25:00PM	Surface Water	er FECAL COLIFORM-MF			03/09/2016
1603906-002B	SITE 1	3/9/2016 12:25:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	3/11/2016 12:00:00 PM	03/11/2016
1603906-003A	SITE 4	3/9/2016 12:45:00PM	Surface Water	er FECAL COLIFORM-MF			03/09/2016
1603906-003B	SITE 4	3/9/2016 12:45:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	3/11/2016 12:00:00 PM	03/11/2016
1603906-004A	SITE 3	3/9/2016 1:15:00PM	Surface Water	er FECAL COLIFORM-MF			03/09/2016
1603906-004B	SITE 3	3/9/2016 1:15:00PM	Surface Wate	er Residue, Suspended (TSS) by SM2540I	)	3/11/2016 12:00:00 PM	03/11/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

**Project Name:** Dunwoody Workorder: 1603906

BatchID: 221023

Date:

15-Mar-16

Sample ID: MB-221023	Client ID:			Units: mg/L	Prep Date: 03/11/2016	Run No: 312267
SampleType: MBLK	TestCode:	Residue, Suspended (TSS) by SM2540E	)	BatchID: 221023	Analysis Date: 03/11/2016	Seq No: <b>6713456</b>
Analyte	Result	RPT Limit SPK valu	e SPK Ref Val	%REC Low Limit High	gh Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0				
Sample ID: 1603900-001ADUP	Client ID:			Units: mg/L	Prep Date: 03/11/2016	Run No: 312267
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2540I	)	BatchID: 221023	Analysis Date: 03/11/2016	Seq No: <b>6713475</b>
Analyte	Result	RPT Limit SPK valu	e SPK Ref Val	%REC Low Limit Hig	gh Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	4.000	5.0			4.000	5 J
Sample ID: 1603A63-003ADUP	Client ID:			Units: mg/L	Prep Date: <b>03/11/2016</b>	Run No: 312267
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2540I	)	BatchID: 221023	Analysis Date: 03/11/2016	Seq No: <b>6713459</b>
Analyte	Result	RPT Limit SPK valu	e SPK Ref Val	%REC Low Limit Hig	gh Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	14.50	5.0			14.50	5
Sample ID: 1603B36-001ADUP	Client ID:			Units: mg/L	Prep Date: <b>03/11/2016</b>	Run No: 312267
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by SM2540I	)	BatchID: 221023	Analysis Date: 03/11/2016	Seq No: <b>6713481</b>
Analyte	Result	RPT Limit SPK valu	e SPK Ref Val	%REC Low Limit Hig	gh Limit RPD Ref Val %R	PD RPD Limit Qual
Residue, Suspended (TSS)	351.0	10.0			354.0 0.8	51 5

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

**Client:** 

CCR Environmental, Inc.

Dunwoody **Project Name:** 1603906 Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

15-Mar-16

BatchID: R312409

Sample ID: MB-R312409	Client ID:				Uni	ts: Colonies/100m	l Prep Date:		Run No: 312409	
SampleType: MBLK	TestCode: Fee	cal Coliform (MF)	SM9222D-1997		Bato	chID: <b>R312409</b>	Analysis Date:	03/09/2016	Seq No: <b>6716994</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Ret	f Val %RPI	O RPD Limit Qual	
Fecal Coliform, (MF)	BRL	2								
Sample ID: MB-R312409-2	Client ID:				Uni	ts: Colonies/100m	l Prep Date:		Run No: <b>312409</b>	
SampleType: MBLK	TestCode: Fecal Coliform (MF)		SM9222D-1997		Bato	chID: <b>R312409</b>	Analysis Date:	03/09/2016	Seq No: <b>6717004</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Ret	f Val %RPI	O RPD Limit Qual	
Fecal Coliform, (MF)	BRL	2								

Qualifiers: Greater than Result value

Rpt Lim Reporting Limit

BRL Below 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

# ANALYTICAL ENVIRONMENTAL SERVICES, INC.



April 18, 2016

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: 1604978

Analytical Environmental Services, Inc. received 4 samples on 4/12/2016 1:47:00 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 07/01/15-06/30/16.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/15-06/30/16.
- -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, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tara Westervelt

Project Manager

#### **CHAIN OF CUSTODY**

Work Order: 1604978

1EL.: (//0) 457-8177 / TOLL-FREE	(800) 972-4889 / 1	FAX: (770) 45	7-8188											Date:	4.12	2.(6 Page	of	
CCR ENV	ADDRESS:	ADDRESS: 3772 Pleasantdale Road Suite 156 Atlanta, 6A 30340					ANALYSIS REQUESTED								Visit our website			
DUOME.		Atlanta	GA	303	40	מקולמנה									1 7 -	www.aesatlanta.com to check on the status of		
776-458-1943	·		**			3	<u> </u>					ĺ			1 1	our results, place		ners
SAMPLEDBY: Randy Ficarrotto	SIGNATURE	Ry	tild	all			٧ [-]									orders, etc.		Contai
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# SAMPLE ID			م ا	Composite	Matrix (See codes)				PRESERVATION (See codes)				)			NAME OF THE PROPERTY OF THE PR		ž
	DATE	TIME	Grab	ડે		#to	I									REMARKS		
1 Site	16.12.16	11:20 am	1 ' '		56	X,	$\leq$									0= NA2576	Ż	2
2 Site 2		11:35 am	1															2
3 Site 3		11:65 ~~					$\prod$											2
1 Site 4	1	1:20 pm			- (					Ī							<u>-</u>	2
5																, , , , , , , , , , , , , , , , , , , ,		
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13							_											
14						$\vdash$		1	<del>  </del>	$\dashv$		+		$\dashv$				
ELINQUISHED BY DATE	TIME RECEIVED B	Υ		1 I	DATE/TIME	<u> </u>			PROJ	ECT IN	VEORM	ATION	Newscoluse			RECEIPT		
1 Sreed 4.12.16/1	17 Cessi	in this	Uni	4/12/	16 pm	PROÆ	T NAM	Æ:				14		<u> </u>		Total # of Containers		8
	2: ()		1			PROJEC	T#:	[	500	2-V	VAC	2-1	6			Turnaround Time I	Request	
	3:					SITE AI	DDRES	S:					,		•	_	•	
	J.					OENTO D	FRODT	2.00					······································		<u> </u>			
PECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT	METHO	D	·	SEND R		10:							-18	<b>~</b>		
	OUT /	1	VIA:			(IF DIFI		r froð	I ABOV	'E)					5		ith reg.)	
	IN ±	T FedEx UP:	VIA: S. MAII	COUR	ieb i										STAT	TE PROGRAM (if any):		
	GRE	 YHOUND OTI	HER			QUOTE	#:				PO#	1.				ail? Y/N; Fax?		_
AMPLES RECEIVED AFTER 3PM OR ON SATURDAY A AMPLES ARE DISPOSED 30 DAYS AFTER REPORT CO	RE CONSIDERED RE	CEIVED THE N	EXT BU	JSINESS	DAY, IF TU	RNARO	UND T	IME IS	NOT I	NDICA	TED, A	ES WIL	L PROC	CEED WIT	H STAN	FA PACKAGE: 1 II DARD TAT OF SAMPI	HI I	

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DIV = Difficulty Fig. (Blanks) DIV = Difficul PRESERVATIVE CODES:

Client: CCR Environmental, Inc. Client Sample ID: SITE 1

Project Name: Dunwoody Collection Date: 4/12/2016 11:20:00 AM

Lab ID: 1604978-001 Matrix: Surface Water

										<b>I</b>
Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	6S) by SM2540D									
Residue, Suspended (TS	2.0	J	0.8	3.2	mg/L	222699	1	04/15/2016 16:23	JS	
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		100		20	20	Colonies/100	R314550	10	04/12/2016 15:35	MU

Date:

18-Apr-16

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

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

Project Name: Dunwoody Collection Date: 4/12/2016 11:35:00 AM

Lab ID: 1604978-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	0.8	J	0.8	3.2	mg/L	222699	1	04/15/2016 16:23	JS	
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		1500		200	200	Colonies/100	R314550	100	04/12/2016 15:35	MU

18-Apr-16

Date:

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: 4/12/2016 11:55:00 AM

Lab ID: 1604978-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	S)	1.6	J	0.8	3.2	mg/L	222699	1	04/15/2016 16:25	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		220		20	20	Colonies/100	R314550	10	04/12/2016 15:35	MU

Date:

18-Apr-16

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: 4/12/2016 1:20:00 PM

Lab ID: 1604978-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	) by SM2540D									
Residue, Suspended (TSS	)	3.6		0.8	3.2	mg/L	222699	1	04/15/2016 16:26	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		5000		200	200	Colonies/100 ml	R314550	100	04/12/2016 15:35	MU

Date:

18-Apr-16

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 CCR Env		Work O	rder Number   (0)497 <b>8</b>
Checklist completed by Signature	4-12-16 Date		1007110
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?			Not Present
Custody seals intact on sample bottles?	Yes	No	Not Present
Container/Temp Blank temperature in compliance? (0°≤6°	C)* Yes . /	No	<del></del>
Cooler #1 3.4 Cooler #2 Cooler #3	Cooler #	44 C	Cooler#5 Cooler #6
Chain of custody present?	Yes 👱	No	Cooler #o
Chain of custody signed when relinquished and received?	Yes 🗹	No	
Chain of custody agrees with sample labels?	Yes	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		Not Applicable
Water - VOA vials have zero headspace? No VOA vials	submitted		<del></del>
Water - pH acceptable upon receipt?	Yes 👤		Not Applicable
Adjusted?	C		J
(For diffusive samples or AIHA lead) Is a known blank inclu	ıded? Y	es	No _
See Case Narrative for resolution of the Non-Conformance	ce.	<b></b>	· · · · · · · · · · · · · · · · · · ·
* Samples do not have to comply with the given range for certain parameters	3.		

\\Aes\_server\!\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Check!id:\_Lev LinS

7 of 10

**Date:** 18-Apr-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody Lab Order: 1604978

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1604978-001A	SITE 1	4/12/2016 11:20:00AM	Surface Water	er FECAL COLIFORM-MF			04/12/2016
1604978-001B	SITE 1	4/12/2016 11:20:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	4/15/2016 12:00:00PM	04/15/2016
1604978-002A	SITE 2	4/12/2016 11:35:00AM	Surface Water	er FECAL COLIFORM-MF			04/12/2016
1604978-002B	SITE 2	4/12/2016 11:35:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	4/15/2016 12:00:00PM	04/15/2016
1604978-003A	SITE 3	4/12/2016 11:55:00AM	Surface Water	er FECAL COLIFORM-MF			04/12/2016
1604978-003B	SITE 3	4/12/2016 11:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	4/15/2016 12:00:00PM	04/15/2016
1604978-004A	SITE 4	4/12/2016 1:20:00PM	Surface Water	er FECAL COLIFORM-MF			04/12/2016
1604978-004B	SITE 4	4/12/2016 1:20:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540[	)	4/15/2016 12:00:00PM	04/15/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

Date:

18-Apr-16

**Project Name:** Dunwoody Workorder: 1604978

BatchID: 222699

Sample ID: MB-222699	Client ID:				Units: mg/L	Prep Date:	04/15/2016	Run No: 314774
SampleType: MBLK	TestCode: R	esidue, Suspended (TSS)	by SM2540D		BatchID: 222699	Analysis Date:	Analysis Date: 04/15/2016	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0						
Sample ID: 1604985-001ADUP	Client ID:				Units: mg/L	Prep Date:	04/15/2016	Run No: 314774
SampleType: <b>DUP</b>	TestCode: R	esidue, Suspended (TSS)	by SM2540D		BatchID: 222699	Analysis Date:	04/15/2016	Seq No: <b>6773448</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	11.50	5.0				11.50	0	5
Sample ID: <b>1604B37-001ADUP</b>	Client ID:				Units: mg/L	Prep Date:	04/15/2016	Run No: 314774
SampleType: <b>DUP</b>	TestCode: R	esidue, Suspended (TSS)	by SM2540D		BatchID: 222699	Analysis Date:	04/15/2016	Seq No: 6773437
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit	High Limit RPD Re	f Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	1.500	5.0				1.500	0	5 J

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.

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

18-Apr-16

Dunwoody 1604978

BatchID: R314550

Sample ID: MB-R314550 SampleType: MBLK	Client ID: TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Unit Bato	ts: Colonies/100m chID: R314550	1	: 04/12/2016	Run No: <b>314550</b> Seq No: <b>6768283</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD R	ef Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							
Sample ID: MB-R314550-2 SampleType: MBLK	Client ID: TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Unit Bato	ts: Colonies/100m chID: R314550	1	: 04/12/2016	Run No: <b>314550</b> Seq No: <b>6768296</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD R	ef 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

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



May 16, 2016

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: 1605702

Analytical Environmental Services, Inc. received 4 samples on 5/10/2016 11:30:00 AM 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 07/01/15-06/30/16.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/15-06/30/16.
- -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, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tara Westervelt

Project Manager

# CHAIN OF CUSTODY

Work Order: 105 MOA

Date: 5-10-16 Page of

AES TEL.: (770) 457-8177 / TOLL-FREE (800)	972-4889 / FAX: (770) 45 <sup>.</sup>	7-8188		Date: 5	10_lb Page of	
CCR ENV	ADDRESS: 3772 Pleason Smill 15 Attanta,			REQUESTED	Visit our website	
PHONE: 776-458-7943	Attanta,	6430340	11Faco		www.aesatlanta.com to check on the status of	
PHONE: 776-458-7943  SAMPLED BY: Randy Ficarrotta	SIGNATURE:	ant	Feed al		your results, place bottle orders, etc.	
# SAMPLE ID	SAMPLED	Grab Composite Matrix (See codes)		ION (See codes)	10 # 0X	
1 Site	DATE TIME 5,10.16 10:60 cm		I,0 I		REMARKS	
2 57e 2 3 517e 3	10:15 m	X   SW	<u> </u>		0-Na,5,0, 2	
3 SIZE 3 4 SIZE 4	10:30 an				$\frac{2}{2}$	
5	(0.3-2-				2	
7						
8			<del>                                     </del>			
9						
10						
12						
13					, , , , , , , , , , , , , , , , , , ,	
14 DATE/TIME	RECEIVED BY	DATE/TIME	PROJECTIN	FORMATION		
5.16. 6 11:25 am	Jessica Shilly		PROJECT NAME: Dunw	oody	RECEIPT  Total # of Containers	
:	3: V		PROJECT #: (502 - W. SITE ADDRESS:	1AQ-16	Turnaround Time Request  Standard 5 Business Days	
PECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT	METUOD	SEND REPORT TO:		2 Business Day Rush Next Business Day Rush	
	OUT / /	VIA: VIA:	INVOICE TO: (IF DIFFERENT FROM ABOVE)		Same Day Rush (auth req.) Other	
	CLIENT FedEx UP	S MAIL COURIER HER	AAIL COURIER STATE PROGRAM E-mail V/N;			
AMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CO AMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLET  (ATRIX CODES: A = Air GW = Groundwater SE = Sational	NSIDERED RECEIVED THE N TION UNLESS OTHER ARRAN	NEXT BUSINESS DAY. IF TU NCEMENTS ARE MADE.	RNAROUND TIME IS NOT INDICA	PO#: TED, AES WILL PROCEED WITH S'	DATA PACKAGE: I II III IV TANDARD TAT OF SAMPLES.	

Client: CCR Environmental, Inc. Client Sample ID: SITE 1

Project Name: Dunwoody Collection Date: 5/10/2016 10:00:00 AM

Lab ID: 1605702-001 Matrix: Surface Water

										I
Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	SS) by SM2540D									
Residue, Suspended (TS	SS)	5.2		0.8	3.2	mg/L	223885	1	05/11/2016 16:44	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		100		20	20	Colonies/100	R316799	10	05/10/2016 15:15	MU

Date:

16-May-16

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: 5/10/2016 10:15:00 AM

Lab ID: 1605702-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	S) by SM2540D									
Residue, Suspended (TSS	3)	2.0	J	0.8	3.2	mg/L	223885	1	05/11/2016 16:44	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		2500		200	200	Colonies/100 ml	R316799	100	05/10/2016 15:15	MU

Date:

16-May-16

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: 5/10/2016 10:30:00 AM

Lab ID: 1605702-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	6) by SM2540D									
Residue, Suspended (TSS	)	2.8	J	0.8	3.2	mg/L	223885	1	05/11/2016 16:45	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		230		20	20	Colonies/100	R316799	10	05/10/2016 15:15	MU

Date:

16-May-16

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: 5/10/2016 10:50:00 AM

Lab ID: 1605702-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	2.4	J	0.8	3.2	mg/L	223885	1	05/11/2016 16:47	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		1400		200	200	Colonies/100	R316799	100	05/10/2016 15:15	MU

Date:

16-May-16

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 CCR Env		Work Orde	er Number
Checklist completed by Aug 5 Signature Da	10-16 ate		
Carrier name: FedEx UPS Courier Client U	/ JS Mail Oth	er	_
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 _	No	
Chain of custody agrees with sample labels?	Yes	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 su	ubmitted	Yes	No
Water - pH acceptable upon receipt?	Yes	No _	Not Applicable
Adjusted?	Chec	eked by	J.
Sample Condition: GoodOther(Explain)			
For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	N	o _

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

\\Aes\_server\l\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

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

**Date:** 16-May-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody Lab Order: 1605702

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1605702-001A	SITE 1	5/10/2016 10:00:00AM	Surface Water	er FECAL COLIFORM-MF			05/10/2016
1605702-001B	SITE 1	5/10/2016 10:00:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	5/11/2016 12:30:00PM	05/11/2016
1605702-002A	SITE 2	5/10/2016 10:15:00AM	Surface Water	er FECAL COLIFORM-MF			05/10/2016
1605702-002B	SITE 2	5/10/2016 10:15:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	5/11/2016 12:30:00PM	05/11/2016
1605702-003A	SITE 3	5/10/2016 10:30:00AM	Surface Water	er FECAL COLIFORM-MF			05/10/2016
1605702-003B	SITE 3	5/10/2016 10:30:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	5/11/2016 12:30:00PM	05/11/2016
1605702-004A	SITE 4	5/10/2016 10:50:00AM	Surface Water	er FECAL COLIFORM-MF			05/10/2016
1605702-004B	SITE 4	5/10/2016 10:50:00AM	Surface Wate	er Residue, Suspended (TSS) by SM2540I	)	5/11/2016 12:30:00PM	05/11/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

Date:

16-May-16

**Project Name:** Dunwoody Workorder: 1605702

BatchID: 223885

Sample ID: MB-223885 SampleType: MBLK	Client ID: TestCode: I	Residue, Suspended (TSS	) by SM2540D		Uni Bato	ts: <b>mg/L</b> chID: <b>223885</b>		Date:	05/11/2016 05/11/2016	Run No: 3 Seq No: 6	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	O RPD L	imit Qual
Residue, Suspended (TSS)	BRL	5.0									
Sample ID: 1605709-001ADUP	Client ID:				Uni	ts: mg/L	Pre	Date:	05/11/2016	Run No: 3	16600
SampleType: <b>DUP</b>	TestCode: I	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 223885	Ana	llysis Date:	05/11/2016	Seq No: 6	817673
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	O RPD L	imit Qual
Residue, Suspended (TSS)	4.000	5.0						4.000	0	5	J
Sample ID: 1605811-001ADUP	Client ID:				Uni	ts: mg/L	Pre	Date:	05/11/2016	Run No: 3	16600
SampleType: <b>DUP</b>	TestCode: I	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 223885	Ana	llysis Date:	05/11/2016	Seq No: 6	817658
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	O RPD L	imit Qual
Residue, Suspended (TSS)	7.000	5.0						7.000	0	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

**Client:** CCR Environmental, Inc. ANALYTICAL QC SUMMARY REPORT

Date:

16-May-16

Dunwoody **Project Name:** BatchID: R316799 Workorder: 1605702

Sample ID: MB-R316799 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D-1997		Unit Bate	s: <b>Colonies/100</b> hID: <b>R316799</b>		oate: sis Date: 05/1	10/2016	Run No: <b>31679</b> Seq No: <b>68225</b>	
Analyte	Result	RPT Limit	SPK value S	PK Ref Val	%REC	Low Limit Hig	h Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fecal Coliform, (MF)	BRL	2									
Sample ID: MB-R316799-2 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D-1997		Unit Bate	s: <b>Colonies/100</b> hID: <b>R316799</b>		oate: sis Date: 05/1	10/2016	Run No: <b>31679</b> Seq No: <b>68225</b>	
Analyte	Result	RPT Limit	SPK value S	PK Ref Val	%REC	Low Limit Hig	h Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Fecal Coliform, (MF)	BRL	2.									

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

Rpt Lim 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

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 20, 2016

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: 1606D83

Analytical Environmental Services, Inc. received 4 samples on 6/14/2016 2:25:00 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 07/01/15-06/30/16.
- -NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/15-06/30/16.
- -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, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Tara Westervelt

Project Manager

#### CHAIN OF CUSTODY

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

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Client: CCR Environmental, Inc. Client Sample ID: SITE 1

**Project Name:** Dunwoody Collection Date: 6/14/2016 1:00:00 PM

Lab ID: 1606D83-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	5)	2.8	J	0.8	4.0	mg/L	225658	1	06/17/2016 16:29	SM
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		800		200	200	Colonies/100	R319213	100	06/14/2016 17:30	JW

Date:

20-Jun-16

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

3 of 10

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

**Project Name:** Dunwoody Collection Date: 6/14/2016 1:15:00 PM

Lab ID:1606D83-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	SS) by SM2540D									
Residue, Suspended (TS	S)	2.0	J	0.8	4.0	mg/L	225658	1	06/17/2016 16:30	SM
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		1200		200	200	Colonies/100 ml	R319213	100	06/14/2016 17:30	JW

Date:

20-Jun-16

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: 6/14/2016 1:35:00 PM

Lab ID:1606D83-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	SS) by SM2540D									
Residue, Suspended (TS	SS)	3.2	J	0.8	4.0	mg/L	225658	1	06/17/2016 16:30	SM
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		120		20	20	Colonies/100	R319213	10	06/14/2016 17:30	JW

Date:

20-Jun-16

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: 6/14/2016 1:50:00 PM

Lab ID:1606D83-004Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	(S) by SM2540D									
Residue, Suspended (TS	S)	3.6	J	0.8	4.0	mg/L	225658	1	06/17/2016 16:32	SM
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		480		20	20	Colonies/100	R319213	10	06/14/2016 17:30	JW

Date:

20-Jun-16

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 CC Gw		Work Or	der Number	1000 883
Checklist completed by Signature Da	6/14/19			
Carrier name: FedEx UPS Courier Client U	JS Mail Oth	er	<del> </del>	•
Shipping container/cooler in good condition?	Yes _	No	Not Present	
Custody seals intact on shipping container/cooler?	Yes	No	Not Present	<u>/</u>
Custody seals intact on sample bottles?	Yes	No	Not Present	
Container/Temp Blank temperature in compliance? (0°≤6°C	)* Yes	No		_
Cooler #1 / O Cooler #2 Cooler #3	Cooler #4		Cooler#5	Cooler #6
Chain of custody present?	Yes 1		<del></del>	
Chain of custody signed when relinquished and received?	Yes			
Chain of custody agrees with sample labels?	Yes	····		
Samples in proper container/bottle?	Yes			<del>~</del>
Sample containers intact?	Yes 🗹	-		
Sufficient sample volume for indicated test?	Yes _			
All samples received within holding time?	Yes	<del></del>		
Was TAT marked on the COC?	Yes <u></u>			
Proceed with Standard TAT as per project history?		₩	Not Applica	hle 👉
Water - VOA vials have zero headspace? No VOA vials su				_
Water - pH acceptable upon receipt?			Not Applica	ble
Adjusted?		_	70	- <del></del>
Sample Condition: Good Other(Explain)		· · · · · · · · · · · · · · · · · · ·	- t	_
(For diffusive samples or AIHA lead) Is a known blank include	led? Yes		No 🗸	<del></del>

See Case Narrative for resolution of the Non-Conformance.

 $\verb|\Aes_server|| Sample Receipt | My Documents | COCs and pH Adjustment Sheet | Sample Cooler_Recipt | Checklist_Rev1.rtf|| | Cooler_Recipt | Checklist_Recipt | Check$ 

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

**Date:** 20-Jun-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1606D83

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1606D83-001A	SITE 1	6/14/2016 1:00:00PM	Surface Water	er FECAL COLIFORM-MF			06/14/2016
1606D83-001B	SITE 1	6/14/2016 1:00:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	6/17/2016 11:30:00 AM	06/17/2016
1606D83-002A	SITE 2	6/14/2016 1:15:00PM	Surface Water	er FECAL COLIFORM-MF			06/14/2016
1606D83-002B	SITE 2	6/14/2016 1:15:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	6/17/2016 11:30:00 AM	06/17/2016
1606D83-003A	SITE 3	6/14/2016 1:35:00PM	Surface Water	er FECAL COLIFORM-MF			06/14/2016
1606D83-003B	SITE 3	6/14/2016 1:35:00PM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	6/17/2016 11:30:00 AM	06/17/2016
1606D83-004A	SITE 4	6/14/2016 1:50:00PM	Surface Water	er FECAL COLIFORM-MF			06/14/2016
1606D83-004B	SITE 4	6/14/2016 1:50:00PM	Surface Wate	er Residue, Suspended (TSS) by SM2540[	)	6/17/2016 11:30:00 AM	06/17/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

Date:

20-Jun-16

**Project Name:** Dunwoody Workorder: 1606D83

BatchID: 225658

Sample ID: <b>MB-225658</b>	Client ID:				Units:	mg/L	Prep	Date:	06/17/2016	Run No:	319211
SampleType: MBLK	TestCode:	Residue, Suspended (TSS)	) by SM2540D		BatchID	225658	Ana	lysis Date:	06/17/2016	Seq No:	6887181
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit	High Limit	RPD Ref	`Val %RPD	RPD	Limit Qual
Residue, Suspended (TSS)	BRL	5.0									
Sample ID: <b>1606D43-001ADUP</b>	Client ID:				Units:	mg/L	Prep	Date:	06/17/2016	Run No:	319211
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS)	) by SM2540D		BatchID	225658	Ana	lysis Date:	06/17/2016	Seq No:	6887183
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit	High Limit	RPD Ref	'Val %RPD	RPD	Limit Qual
Residue, Suspended (TSS)	5.000	5.0						5.000	0	;	5
Sample ID: 1606D83-003BDUP	Client ID:	SITE 3			Units:	mg/L	Prep	Date:	06/17/2016	Run No:	319211
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS)	) by SM2540D		BatchID	225658	Ana	lysis Date:	06/17/2016	Seq No:	6887194
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit	High Limit	RPD Ref	`Val %RPD	RPD	Limit Qua
Residue, Suspended (TSS)	3.200	4.0						3.200	0		5 J

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. ANALYTICAL QC SUMMARY REPORT

Dunwoody **Project Name:** 1606D83 Workorder:

BatchID: R319213

Date:

20-Jun-16

Sample ID: MB-R319213	Client ID:				Units	: Colonies/100	ml Prep Date:		Run No: <b>319213</b>
SampleType: MBLK	TestCode: Fee	cal Coliform (MF)	SM9222D-1997	1	Batcl	nID: <b>R319213</b>	Analysis Date	06/14/2016	Seq No: <b>6887237</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit Hig	h Limit RPD R	ef Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							
Sample ID: MB-R319213-2	Client ID:				Units	S: Colonies/100	ml Prep Date:		Run No: <b>319213</b>
SampleType: MBLK	TestCode: Fee	cal Coliform (MF)	SM9222D-1997	•	Batcl	nID: <b>R319213</b>	Analysis Date	06/14/2016	Seq No: <b>6887253</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit Hig	h Limit RPD R	ef 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

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



July 19, 2016

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: 1607776

Analytical Environmental Services, Inc. received 4 samples on 7/12/2016 11:42:00 AM 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.

Tara Westervelt

Project Manager

# ANALYTICAL ENVIRONMENTAL SERVICES, INC

**CHAIN OF CUSTODY** 

Work Order: 160MM6

Date: 7, 12, 16 Page of \_\_\_\_\_\_

3080 Presidential Drive, Atlanta GA 30340-3704

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

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Client: CCR Environmental, Inc. Client Sample ID: SITE 1

Project Name: Dunwoody Collection Date: 7/12/2016 10:20:00 AM

Lab ID: 1607776-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	6S) by SM2540D									
Residue, Suspended (TS	SS)	3.2	J	0.8	4.0	mg/L	226866	1	07/15/2016 16:11	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		380		20	20	Colonies/100	R321243	10	07/12/2016 14:50	MU

Date:

19-Jul-16

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

Page 3 of 10

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

Project Name: Dunwoody Collection Date: 7/12/2016 10:40:00 AM

Lab ID: 1607776-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	S) by SM2540D									
Residue, Suspended (TSS	5)	2.4	J	0.8	4.0	mg/L	226866	1	07/15/2016 16:11	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		260		20	20	Colonies/100	R321243	10	07/12/2016 14:50	MU

Date:

19-Jul-16

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

Page 4 of 10

Client: CCR Environmental, Inc. Client Sample ID: SITE 3

Project Name: Dunwoody Collection Date: 7/12/2016 11:05:00 AM

Lab ID: 1607776-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	by SM2540D									
Residue, Suspended (TSS)		5.2		0.8	4.0	mg/L	226866	1	07/15/2016 16:12	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		2000		200	200	Colonies/100 ml	R321243	100	07/12/2016 14:50	MU

Date:

19-Jul-16

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

Page 5 of 10

Client: CCR Environmental, Inc. Client Sample ID: SITE 4

Project Name: Dunwoody Collection Date: 7/12/2016 11:20:00 AM

Lab ID: 1607776-004 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	S)	5.6		0.8	4.0	mg/L	226866	1	07/15/2016 16:12	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		1300		200	200	Colonies/100	R321243	100	07/12/2016 14:50	MU

Date:

19-Jul-16

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

Page 6 of 10

## Sample/Cooler Receipt Checklist

Client CCR		Work Order Number 1607776
Checklist completed by	7-12-16 nte	· 
Carrier name: FedEx UPS Courier Client U	JS Mail Oth	er
Shipping container/cooler in good condition?	Yes <u></u>	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	_	No
Cooler #1 Cooler #2 Cooler #3	Cooler #4	Cooler#5 Cooler #6
Chain of custody present?	Yes 🛂	
Chain of custody signed when relinquished and received?	Yes-	
Chain of custody agrees with sample labels?	Yes 🗹	No 1
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 s	ubmitted	Yes No
Water - pH acceptable upon receipt?	Yes 🗸	No Not Applicable
, Adjusted?	Che	cked by
Sample Condition: Good Other(Explain)		
(For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	No

See Case Narrative for resolution of the Non-Conformance.

 $\verb|\Acs_server|| Sample Receipt| My Documents | COCs and pH Adjustment Sheet| Sample Cooler_Receipt | Checklist_Rev1.rtf| | Cooler_Rec$ 

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

1607776

7/12/2016 11:05:00AM

7/12/2016 11:20:00AM

7/12/2016 11:20:00AM

Client: CCR Environmental, Inc.

Project Name: Dunwoody

SITE 3

SITE 4

SITE 4

Lab Order:

1607776-003B

1607776-004A

1607776-004B

Lab Sample ID **Client Sample ID Collection Date** Matrix **Test Name** TCLP Date **Prep Date Analysis Date** 1607776-001A SITE 1 7/12/2016 10:20:00AM Surface Water FECAL COLIFORM-MF 07/12/2016 SITE 1 Surface Water Residue, Suspended (TSS) by SM2540D 1607776-001B 7/12/2016 10:20:00AM 7/15/2016 12:00:00PM 07/15/2016 SITE 2 1607776-002A 7/12/2016 10:40:00AM Surface Water FECAL COLIFORM-MF 07/12/2016 1607776-002B SITE 2 7/12/2016 10:40:00AM Surface Water Residue, Suspended (TSS) by SM2540D 7/15/2016 12:00:00PM 07/15/2016 1607776-003A SITE 3 Surface Water FECAL COLIFORM-MF 07/12/2016 7/12/2016 11:05:00AM

Surface Water FECAL COLIFORM-MF

Surface Water Residue, Suspended (TSS) by SM2540D

Surface Water Residue, Suspended (TSS) by SM2540D

7/15/2016 12:00:00PM

7/15/2016 12:00:00PM

**Date:** 19-Jul-16

07/15/2016

07/12/2016

07/15/2016

Client: CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT

**Project Name:** Dunwoody **Workorder:** 1607776

BatchID: 226866

Date:

19-Jul-16

Sample ID: MB-226866 SampleType: MBLK	Client ID: TestCode:	Residue, Suspended (TSS	) by SM2540D		Uni Bate	ts: <b>mg/L</b> chID: <b>226866</b>		Date:	07/15/2016 07/15/2016	Run No: <b>321160</b> Seq No: <b>6938576</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1607779-001ADUP	Client ID:				Uni	ts: mg/L	Prej	Date:	07/15/2016	Run No: <b>321160</b>
SampleType: <b>DUP</b>	TestCode: 1	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 226866	Ana	llysis Date:	07/15/2016	Seq No: <b>6938581</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	6.000	5.0						6.000	0	5
Sample ID: 1607779-002ADUP	Client ID:				Uni	ts: mg/L	Pre	Date:	07/15/2016	Run No: <b>321160</b>
SampleType: <b>DUP</b>	TestCode: 1	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 226866	Ana	llysis Date:	07/15/2016	Seq No: <b>6938613</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RPI	RPD Limit Qual
Residue, Suspended (TSS)	6.000	5.0						6.000	0	5

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J 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

Page 9 of 10

Client: CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT

Date:

19-Jul-16

Project Name: Dunwoody
Workorder: 1607776

BatchID: R321243

Sample ID: MB-R321243	Client ID:				Units	S: Colonies/100	ml Prep Date:		Run No: 321243
SampleType: MBLK	TestCode: Fe	cal Coliform (MF)	SM9222D-1997	1	Batch	hID: <b>R321243</b>	Analysis Da	te: 07/12/2016	Seq No: <b>6940574</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	h Limit RPD	Ref Val %RI	PD RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							
Sample ID: MB-R321243-2	Client ID:				Units	S: Colonies/100	ml Prep Date:		Run No: <b>321243</b>
SampleType: MBLK	TestCode: Fe	cal Coliform (MF)	SM9222D-1997	1	Batch	hID: <b>R321243</b>	Analysis Da	te: 07/12/2016	Seq No: <b>6940592</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	h Limit RPD	Ref Val %RI	PD RPD Limit Qual

Qualifiers:

BRL

Greater than Result value

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

Page 10 of 10

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



August 15, 2016

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: 1608771

Analytical Environmental Services, Inc. received 4 samples on 8/9/2016 1:32:00 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.

Tara Westervelt

Project Manager

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

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

Work Order: 1608771

Date: 8-9-16 Page of

COMPANY:	ADDRESS: 3772 Pleasantdale Rd. Suite 150 Atlanta, 6ft 30340					<			ΑN	IALYS)	S REC	UEST	red	······································			Visit our website	
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AMPLED BY: Randy Ficarrotta	SIGNATURE:		Pec			Feed o	755										orders, etc.	No#of*Containers
# SAMPLE ID	SAN	/PLED		Composite	Matrix (See codes)				PR	ESERV.	ATION	(See co	odes)				DD (ADZ)	No #
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MATRIX CODES: A = Air GW = Groundwater SE = Sediment SU = Soil SW = Surface water W = Water (Diality) ST. Diality MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

Client: CCR Environmental, Inc.

Project: Dunwoody
Lab ID: 1608771

Case Narrative

Date:

15-Aug-16

Fecal Coliform Analysis by Method SM9222D:

For sample 1608771-004A, 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: 1

**Project Name:** Dunwoody Collection Date: 8/9/2016 12:50:00 PM

Lab ID: 1608771-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	by SM2540D									
Residue, Suspended (TSS)		4.0		0.8	4.0	mg/L	227960	1	08/10/2016 16:19	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		800		200	200	Colonies/100	R322876	100	08/09/2016 15:35	MU

Date:

15-Aug-16

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

4 of 12

Client: CCR Environmental, Inc. Client Sample ID: 2

**Project Name:** Dunwoody Collection Date: 8/9/2016 12:35:00 PM

Lab ID:1608771-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	0.8	J	0.8	4.0	mg/L	227960	1	08/10/2016 16:19	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		490		20	20	Colonies/100	R322876	10	08/09/2016 15:35	MU

Date:

15-Aug-16

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: 8/9/2016 12:10:00 PM

Lab ID:1608771-003Matrix: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	227960	1	08/10/2016 16:20	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		1500		200	200	Colonies/100	R322876	100	08/09/2016 15:35	MU

Date:

15-Aug-16

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: 4

Project Name: Dunwoody Collection Date: 8/9/2016 11:55:00 AM

Lab ID: 1608771-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	6) by SM2540D									
Residue, Suspended (TSS	)	22.4		0.8	4.0	mg/L	228059	1	08/12/2016 15:17	JS
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		60000	>	2000	2000	Colonies/100	R322876	1000	08/09/2016 15:35	MU

Date:

15-Aug-16

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 CR Env		Work Orde	r Number	160877	
Checklist completed by Signature Dat	8-9-16	<del> </del>			
Carrier name: FedEx UPS Courier Client U	S Mail Othe	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	<u> </u>	
Container/Temp Blank temperature in compliance? (0°≤6°C)	* Yes	No			
Cooler #1 3.2 Cooler #2 Cooler #3	Cooler #4 _	Co	oler#5	Cooler #6	<del></del>
Chain of custody present?	Yes 🗹	No			
Chain of custody signed when relinquished and received?	Yes 🖊	No			
Chain of custody agrees with sample labels?	Yes 🗸	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 Applica	able	
Water - VOA vials have zero headspace? No VOA vials su	ıbmitted <u></u>	Yes	No _		
Water - pH acceptable upon receipt?	Yes 🗹	No	Not Applica	able	
Adjusted?	Chec	cked by	CT	<del></del>	
Sample Condition: Good Other(Explain)				<del></del>	
(For diffusive samples or AIHA lead) Is a known blank include	led? Yes	^	10 🔨		

See Case Narrative for resolution of the Non-Conformance.

\\Aes\_server\\\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

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

**Date:** 16-Aug-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1608771

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1608771-001A	1	8/9/2016 12:50:00PM	Surface Water	er FECAL COLIFORM-MF			08/09/2016
1608771-001B	1	8/9/2016 12:50:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	8/10/2016 12:00:00 PM	08/10/2016
1608771-002A	2	8/9/2016 12:35:00PM	Surface Water	er FECAL COLIFORM-MF			08/09/2016
1608771-002B	2	8/9/2016 12:35:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	8/10/2016 12:00:00 PM	08/10/2016
1608771-003A	3	8/9/2016 12:10:00PM	Surface Water	er FECAL COLIFORM-MF			08/09/2016
1608771-003B	3	8/9/2016 12:10:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	8/10/2016 12:00:00 PM	08/10/2016
1608771-004A	4	8/9/2016 11:55:00AM	Surface Water	er FECAL COLIFORM-MF			08/09/2016
1608771-004B	4	8/9/2016 11:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	8/12/2016 11:00:00 AM	08/12/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

Date:

15-Aug-16

**Project Name:** Dunwoody Workorder: 1608771

BatchID: 227960

Sample ID: <b>MB-227960</b>	Client ID:				Uni	ts: mg/L	Prep	Date: <b>08</b> /	10/2016	Run No: 322885
SampleType: MBLK	TestCode: R	esidue, Suspended (TSS	S) by SM2540D		Bato	chID: 227960	Ana	lysis Date: 08/	10/2016	Seq No: <b>6982424</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1608765-001ADUP	Client ID:				Uni	ts: mg/L	Prep	Date: 08/	10/2016	Run No: 322885
SampleType: <b>DUP</b>	TestCode: R	esidue, Suspended (TSS	S) by SM2540D		Bato	chID: 227960	Ana	lysis Date: 08/	10/2016	Seq No: <b>6982429</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit Qual
Residue, Suspended (TSS)	5.500	5.0						5.500	0	5

Qualifiers: Greater than Result value

> BRL Below 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

Client: CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT

Date:

15-Aug-16

**Project Name:** Dunwoody **Workorder:** 1608771

BatchID: 228059

Sample ID: MB-228059 SampleType: MBLK	Client ID: TestCode: Residue, Suspended (TSS) by SM2540D					Units: <b>mg/L</b> BatchID: <b>228059</b>			08/12/2016 08/12/2016	Run No: Seq No:	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RP	D RPD	Limit Qual
Residue, Suspended (TSS)	BRL	5.0									
Sample ID: 1608784-001BDUP	Client ID:				Unit	s: mg/L	Pre	Date:	08/12/2016	Run No:	323054
SampleType: <b>DUP</b>	TestCode: R	esidue, Suspended (TSS	) by SM2540D		Batc	hID: 228059	Ana	llysis Date:	08/12/2016	Seq No:	6986773
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RP	D RPD	Limit Qual
Residue, Suspended (TSS)	8.000	5.0						8.000	0	:	5
Sample ID: <b>1608784-002BDUP</b>	Client ID:				Unit	s: mg/L	Pre	Date:	08/12/2016	Run No:	323054
SampleType: <b>DUP</b>	TestCode: R	esidue, Suspended (TSS	) by SM2540D		Batc	hID: 228059	Ana	llysis Date:	08/12/2016	Seq No:	6986762
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	Val %RP	D RPD	Limit Qual
Residue, Suspended (TSS)	3.500	5.0						3.500	0		5 J

Qualifiers: > Greater than Result value

BRL Below reporting limit

J 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

Client: CCR Environmental, Inc.

Dunwoody

1608771

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

15-Aug-16

BatchID: R322876

Sample ID: MB-R322876 Client ID: Units: Colonies/100ml Prep Date: Run No: 322876
Sample Type: MBLK TestCode: Fecal Coliform (MF) SM9222D-1997 BatchID: R322876 Analysis Date: 08/09/2016 Seq No: 6982029

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-R322876-2 Client ID: Units: Colonies/100ml Prep Date: Run No: 322876
SampleType: MBLK TestCode: Fecal Coliform (MF) SM9222D-1997 BatchID: R322876 Analysis Date: 08/09/2016 Seq No: 6982040

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

BRL Below reporting limit

J Estimated value detected below Reporting Limit

Rpt Lim 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

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



September 21, 2016

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: 1609948

Analytical Environmental Services, Inc. received 4 samples on 9/13/2016 1:40:00 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.

Tara Westervelt

Project Manager

### CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

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

Work Order: 1009948

Date: 9,13.16 Page of

COMPANY:	R Fuv				EQUESTED	Visit our website	
CCR ENV.	FAX:		419			www.aesatlanta.com to check on the status of your results, place bottle	ners
SAMPLED BY: Jeff Pittman	SIGNATURE:		155 Tesal (			orders, etc.	No # of Containers
	SAMPLED	site des)		PRESERVATIO	N (Sax endas)		% No
# SAMPLE ID	DATE TIME	Grab Composite Matrix (See codes)	工工	TIEBERVATIO.	N (Bee codes)	REMARKS	
1 Site 2	9.13.16 10:50		××				2
2	1030						2
3	10:15						2
4 3	9-55	5 ' ' '					2_
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14							
RELINQUISHED BY DATE/TIME	RECEIVED BY	DATE/TIN	ME PROJECT NAME:	PROJECT INF		RECEIPT	_
1: 0/1/1/1 9.13.16	Comm Alli	My 9/13/16 1:40	h	Dunwoi	ody	Total # of Containers	8
2:	2: ()	V	TROJECT #.	1502-W	1AQ-16	Turnaround Time Request	
3:	3:		SITE ADDRESS:			Standard 5 Business Days  2 Business Day Rush	
			SEND REPORT T	CO:		Next Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPME	ENT METHOD	INVOICE TO:			Same Day Rush (auth req.)	
	OUT / /	VIA:	(IF DIFFERENT F	FROM ABOVE)		Other	
	IN CLIENT FedEx	VIA: UPS MAIL COURIER				STATE PROGRAM (if any):  E-mail? Y/N; Fax? Y/N	
		OTHER	QUOTE #:		PO#:	<b>-1</b>	IV
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CO SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLE	ONSIDERED RECEIVED THE	IE NEXT BUSINESS DAY. IF	TURNAROUND TIM	ME IS NOT INDICAT	ED, AES WILL PROCEED WITH	STANDARD TAT OF SAMPLES.	

Client: CCR Environmental, Inc. Client Sample ID: SITE 2

Project Name: Dunwoody Collection Date: 9/13/2016 10:50:00 AM

Lab ID: 1609948-001 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	3)	BRL		0.8	4.0	mg/L	229606	1	09/19/2016 16:26	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		10000		2000	2000	Colonies/100	R325142	1000	09/13/2016 15:55	MU

Date:

21-Sep-16

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

3 of 10

Client: CCR Environmental, Inc. Client Sample ID: SITE 1

Project Name: Dunwoody Collection Date: 9/13/2016 10:30:00 AM

Lab ID: 1609948-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	by SM2540D									
Residue, Suspended (TSS)		5.6		0.8	4.0	mg/L	229606	1	09/19/2016 16:32	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		300		20	20	Colonies/100	R325142	10	09/13/2016 15:55	MU

Date:

21-Sep-16

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: 9/13/2016 10:15:00 AM

Lab ID: 1609948-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	4.8		0.8	4.0	mg/L	229606	1	09/19/2016 16:33	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		4100		200	200	Colonies/100	R325142	100	09/13/2016 15:55	MU

Date:

21-Sep-16

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: 9/13/2016 9:55:00 AM

Lab ID: 1609948-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	SS) by SM2540D									
Residue, Suspended (TS	SS)	2.8	J	0.8	4.0	mg/L	229606	1	09/19/2016 16:34	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		3700		200	200	Colonies/100	R325142	100	09/13/2016 15:55	MU

Date:

21-Sep-16

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

6 of 10

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

## Sample/Cooler Receipt Checklist

Client LOR ENV.		Work Order	Number	1009948
Checklist completed by Musuu Seuras 9, Signature Date	9/13/201	ile		
Carrier name: FedEx UPS Courier Client US	S Mail Other	T	_	
Shipping container/cooler in good condition?	Yes _	No	Not Present	<del>_</del>
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 <u>4.3°C</u> Cooler #2 Cooler #3	_ Cooler #4 _	Coo	ler#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	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 Applic	able
Water - VOA vials have zero headspace? No VOA vials su	ıbmitted	Yes _	No	
Water - pH acceptable upon receipt?	Yes _	No	Not Applic	able
Adjusted?	Che	cked by	MP	
Sample Condition: Good Other(Explain)				<del></del>
(For diffusive samples or AIHA lead) Is a known blank include	ded? Yes	N	lo <u> </u>	

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

\\Aes\_server\l\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

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

**Date:** 21-Sep-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody Lab Order: 1609948

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1609948-001A	SITE 2	9/13/2016 10:50:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540D	)	9/19/2016 1:45:00 PM	09/19/2016
1609948-001B	SITE 2	9/13/2016 10:50:00AM	Surface Water	er FECAL COLIFORM-MF			09/13/2016
1609948-002A	SITE 1	9/13/2016 10:30:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540E	)	9/19/2016 1:45:00 PM	09/19/2016
1609948-002B	SITE 1	9/13/2016 10:30:00AM	Surface Water	er FECAL COLIFORM-MF			09/13/2016
1609948-003A	SITE 4	9/13/2016 10:15:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540E	)	9/19/2016 1:45:00 PM	09/19/2016
1609948-003B	SITE 4	9/13/2016 10:15:00AM	Surface Water	er FECAL COLIFORM-MF			09/13/2016
1609948-004A	SITE 3	9/13/2016 9:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540E	)	9/19/2016 1:45:00 PM	09/19/2016
1609948-004B	SITE 3	9/13/2016 9:55:00AM	Surface Water	er FECAL COLIFORM-MF			09/13/2016

Client: CCR Environmental, Inc.

ANALYTICAL QC SUMMARY REPORT

Date:

21-Sep-16

**Project Name:** Dunwoody **Workorder:** 1609948

BatchID: 229606

Sample ID: MB-229606 SampleType: MBLK	Client ID: TestCode:	Residue, Suspended (TSS) by	SM2540D		Unit Bate	s: <b>mg/L</b> thID: <b>229606</b>	Prep Date: Analysis Date:	09/19/2016 09/19/2016	Run No: <b>325509</b> Seq No: <b>7046809</b>
Analyte	Result	RPT Limit Si	PK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPE	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0							
Sample ID: 1609A16-003ADUP	Client ID:				Unit	s: mg/L	Prep Date:	09/19/2016	Run No: <b>325509</b>
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by	SM2540D		Bato	hID: <b>229606</b>	Analysis Date:	09/19/2016	Seq No: <b>7046814</b>
Analyte	Result	RPT Limit Si	PK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	242.0	10.0					246.	0 1.64	5
Sample ID: <b>1609B61-001ADUP</b>	Client ID:				Unit	s: mg/L	Prep Date:	09/19/2016	Run No: <b>325509</b>
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS) by	SM2540D		Bato	ehID: <b>229606</b>	Analysis Date:	09/19/2016	Seq No: <b>7046828</b>
Analyte	Result	RPT Limit S	PK value	SPK Ref Val	%REC	Low Limit	High Limit RPD Re	f Val %RPE	RPD Limit Qual
Residue, Suspended (TSS)	16.00	5.0					15.50	0 3.17	5

Qualifiers: > Greater than Result value

BRL Below 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

**Client:** CCR Environmental, Inc.

Dunwoody

1609948

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

21-Sep-16

BatchID: R325142

Sample ID: MB-R325142 SampleType: MBLK	Client ID: TestCode: Feca	al Coliform (MF)	SM9222D-1997		Uni Bat	ts: Colonies/10 chID: R325142		Date: lysis Date: 09/13	/2016	Run No: <b>325142</b> Seq No: <b>7037853</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit Hi	igh Limit	RPD Ref Val	%RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2								
Sample ID: MB-R325142-2 SampleType: MBLK	Client ID: TestCode: Feca	al Coliform (MF)	SM9222D-1997		Uni Bat	ts: Colonies/10 chID: R325142		Date: lysis Date: <b>09/13</b>	/2016	Run No: <b>325142</b> Seq No: <b>7037862</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit Hi	igh Limit	RPD Ref Val	%RPI	O RPD Limit Qual

Fecal Coliform, (MF) **BRL** 2

Qualifiers: Greater than Result value

Rpt Lim Reporting Limit

BRL Below reporting limit

Estimated value detected below Reporting Limit

Less than Result value

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

Holding times for preparation or analysis exceeded

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



October 18, 2016

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: 1610795

Analytical Environmental Services, Inc. received 4 samples on 10/11/2016 11:42:00 AM 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.

Tara Westervelt

Project Manager

### ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

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

Work Order: 160795

Date: 1016 Page of

COMPANY:	ADDRESS:						کی			ANAI	YSIS	REQU	ESTEI	)		W		Visit our website	
CCR Env.  PHONE: 770-459-7943  SAMPLED BY: Teff Pittman							क्ष										1 '	www.aesatlanta.com	
PHONE: 770-458-7943	FAX:		-				3											your results, place bottle orders, etc.	tainers
SAMPLED BY: TOSP Pittman	SIGNATURE:	4/4	4			755	Res											bottle orders, etc.	No#ofContainers
# SAMPLE ID	SAN	IPLED /	Grab	Composite	Matrix (See codes)					PRESI	ERVAT	ION (S	ee codes	) )			+		No.
# SAMPLE ID	DATE	тиме	J.	Com	Ma (See o	I	I10					1		ĺ				REMARKS	
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3:	2:	····				SITE	ADDI	RESS:				~					1	Standard 5 Business Days	
5:	3.					SENI	D REP	ORT 7	го:									2 Business Day Rush Next Business Day Rush	
SPECIAL INSTRUCTIONS/COMMENTS:	OUT /	SHIPMENT	METHO	DD:			DICE T		FROM	I ABO	VE)							Same Day Rush (auth req.)	
	IN ¢LIE	NT FedEx UI	VIA:	L COU	RIER													STATE PROGRAM (if any):  E-mail?  Fax?	
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SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONS SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION							AT IS	MAR	KED	ON CO	OC AE	s WILI	PROC	EED A	S STA	NDARI	D TAT	т.	
PARTI DES ARE DISTOSED OF 30 DATS AFTER CONFIDENTION	OF REPORT U	.,LEGS OTHER		GEMEN		, , , ,	mı												

Client: CCR Environmental, Inc. Client Sample ID: SITE 1

**Project Name:** Dunwoody Collection Date: 10/11/2016 10:35:00 AM

Date:

18-Oct-16

Lab ID: 1610795-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	by SM2540D									
Residue, Suspended (TSS)		4.8		0.8	4.0	mg/L	231240	1	10/17/2016 18:27	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		60		20	20	Colonies/100	R327250	10	10/11/2016 15:35	MU

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: 10/11/2016 10:20:00 AM

Date:

18-Oct-16

Lab ID: 1610795-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	S) by SM2540D									
Residue, Suspended (TSS	5)	BRL		0.8	4.0	mg/L	231240	1	10/17/2016 18:28	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		260		20	20	Colonies/100 ml	R327250	10	10/11/2016 15:35	MU

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: 10/11/2016 11:15:00 AM

Date:

18-Oct-16

Lab ID: 1610795-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	by SM2540D									
Residue, Suspended (TSS)		1.2	J	0.8	4.0	mg/L	231240	1	10/17/2016 18:28	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		240		20	20	Colonies/100	R327250	10	10/11/2016 15:35	MU

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: 10/11/2016 10:55:00 AM

Date:

18-Oct-16

Lab ID: 1610795-004 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	231240	1	10/17/2016 18:29	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		260		20	20	Colonies/100	R327250	10	10/11/2016 15:35	MU

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 COR ENV.		Work Order	Number	160795
Checklist completed by Signature Date	/n /2014	·····		
Carrier name: FedEx UPS Courier Client US	S Mail Other	r	notes	
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	Cool	er#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 🗸	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 Applicab	le <u> </u>
Water - VOA vials have zero headspace? No VOA vials su	ibmitted	Yes	No	
Water - pH acceptable upon receipt?	Yes 🗹	No	Not Applicab	le
Adjusted?	Che	cked by	<u>J</u>	-
Sample Condition: Good Other(Explain)				_
(For diffusive samples or ATHA lead) Is a known blank include	led? Yes	N	· /	

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

\\Aes\_server\l\Sample Receipt\\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

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

**Date:** 18-Oct-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1610795

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1610795-001A	SITE 1	10/11/2016 10:35:00AM	Surface Water	er FECAL COLIFORM-MF			10/11/2016
1610795-001B	SITE 1	10/11/2016 10:35:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	10/17/2016 2:45:00 PM	10/17/2016
1610795-002A	SITE 2	10/11/2016 10:20:00AM	Surface Water	er FECAL COLIFORM-MF			10/11/2016
1610795-002B	SITE 2	10/11/2016 10:20:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	10/17/2016 2:45:00 PM	10/17/2016
1610795-003A	SITE 3	10/11/2016 11:15:00AM	Surface Water	er FECAL COLIFORM-MF			10/11/2016
1610795-003B	SITE 3	10/11/2016 11:15:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	10/17/2016 2:45:00 PM	10/17/2016
1610795-004A	SITE 4	10/11/2016 10:55:00AM	Surface Water	er FECAL COLIFORM-MF			10/11/2016
1610795-004B	SITE 4	10/11/2016 10:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540I	)	10/17/2016 2:45:00 PM	10/17/2016

CCR Environmental, Inc. **Client:** 

**Project Name:** 

ANALYTICAL QC SUMMARY REPORT Dunwoody

1610795 BatchID: 231240 Workorder:

Sample ID: MB-231240 SampleType: MBLK	Client ID: TestCode: Residue, Suspended (TSS) by SM2540D					ts: <b>mg/L</b> chID: <b>231240</b>		Date: lysis Date:	10/17/2016 10/17/2016	Run No: <b>327640</b> Seq No: <b>7104951</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1610822-001BDUP	Client ID:				Uni	ts: mg/L	Prep	Date:	10/17/2016	Run No: <b>327640</b>
SampleType: <b>DUP</b>	TestCode: 1	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 231240	Ana	lysis Date:	10/17/2016	Seq No: <b>7104953</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	362.0	20.0						378.0	4.32	5
Sample ID: 1610863-001CDUP	Client ID:				Uni	ts: mg/L	Prep	Date:	10/17/2016	Run No: <b>327640</b>
SampleType: DUP	TestCode: 1	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 231240	Ana	lysis Date:	10/17/2016	Seq No: <b>7104964</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	'Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	1098	10.0						1103	0.454	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

18-Oct-16

Date:

**Client:** CCR Environmental, Inc. ANALYTICAL QC SUMMARY REPORT

Dunwoody **Project Name:** 1610795 Workorder:

BatchID: R327250

Date:

18-Oct-16

Sample ID: MB-R327250 SampleType: MBLK	Client ID: TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Unit Bato	ts: Colonies/100m chID: R327250	l Prep Date: Analysis Date:	10/11/2016	Run No: <b>327250</b> Seq No: <b>7094597</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD R	ef Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							
Sample ID: MB-R327250-2 SampleType: MBLK	Client ID: TestCode: Fee	cal Coliform (MF)	SM9222D-1997	,	Unit Bato	ts: Colonies/100m chID: R327250	l Prep Date: Analysis Date	10/11/2016	Run No: <b>327250</b> Seq No: <b>7094608</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD R	ef Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL	2							

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

N Analyte not NELAC certified

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



November 14, 2016

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: 1611666

Analytical Environmental Services, Inc. received 4 samples on 11/8/2016 11:50:00 AM 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.

Tara Westervelt

Project Manager

#### ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

Work Order: 1611666

3080 Presidential Drive, Atlanta GA 30340-3704

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

Date: //. % . / 6 Page of \_\_\_\_

COMPANY:	ADDRESS: 3772 Pleas Shit	ADDRESS: 3772 Pleasantdale Rd. Shite 150					ANALYSIS REQUESTED									Visit our website	
	FAX:															www.aesatlanta.com to check on the status of your results, place	iners
SAMPLED BY: Randy Ficarrotta	SIGNATURE:	Smar	#		755	Focal Le										bottle orders, etc.	# of Container
	SAMPLED	$\prod_{i=1}^{n}$	site	x des)	L	$ \mathcal{T}_{\rho} $											# oZ
# SAMPLE ID	DATE TIME	Grab	Composite	Matrix (See codes)	I	I,0			PRESE	RVAT	ION (S	ee code	3)			REMARKS	
1 2	11.8.16 10:25 Am	^ X		5W	X	X										0=Na25263	2
2 (	1 10:42				$\prod_{\ell}$												2
3 4	11:00																2
4 3	1 11:15	1			1	-											2
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RELINQUISHED BY: DATE/TIME:	: RECEIVED BY:			DATE/TIME					PROJE	CT II	VFOR	1ATIO	N			RECEIPT	
1: 11.8.16/11:50 am	Cernin MM	ly 1	[181]	16 1115	o PRO	OJECT		D	unl	00	od	4				Total # of Containers	8
2:	2:	T												Turnaround Time Request			
3:	3:				SIT	SITE ADDRESS:								Standard 5 Business Days  2 Business Day Rush			
					SEN	SEND REPORT TO:								Next Business Day Rush			
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMEN OUT / /	NT METHO VIA:				INVOICE TO: (IF DIFFERENT FROM ABOVE)							Same Day Rush (auth req.)	ń			
	IN T	VIA:														STATE PROGRAM (if any):	
	CLIENT/ FedEx U		IL COUP	(IER												E-mail? Fax?	
- 197 (A) 177	GREYHOUND O				-	UOTE #	and the last of the last of				www.co.co.co.co.co.co.co.co.co.co.co.co.co.	PO#:			-	DATA PACKAGE: 1 O II OIII C	IVO
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSI SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION						FAT IS	MAR	KED (	ON CO	C AES	S WILI	. PROC	EED AS	S STAN	DARD T	AT.	

Client: CCR Environmental, Inc. Client Sample ID: 2

Project Name: Dunwoody Collection Date: 11/8/2016 10:25:00 AM

Lab ID: 1611666-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS)	oy SM2540D									
Residue, Suspended (TSS)	0.8	J	0.8	4.0	mg/L	232725	1	11/11/2016 13:15	CG	
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		100		20	20	Colonies/100	R329447	10	11/08/2016 15:25	JW

Date:

14-Nov-16

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: 11/8/2016 10:42:00 AM

Lab ID: 1611666-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	1.6	J	0.8	4.0	mg/L	232725	1	11/11/2016 13:16	CG	
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		320		20	20	Colonies/100	R329447	10	11/08/2016 15:25	JW

Date:

14-Nov-16

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: 4

Project Name: Dunwoody Collection Date: 11/8/2016 11:00:00 AM

Lab ID: 1611666-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	S)	1.6	J	0.8	4.0	mg/L	232725	1	11/11/2016 13:17	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		120		20	20	Colonies/100	R329447	10	11/08/2016 15:25	JW

Date:

14-Nov-16

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: 11/8/2016 11:15:00 AM

Lab ID: 1611666-004 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	232725	1	11/11/2016 13:18	CG
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		400		20	20	Colonies/100 ml	R329447	10	11/08/2016 15:25	JW

Date:

14-Nov-16

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 CCL		Work Orde	er Number 161666
Checklist completed by Port Massidi I	ulfho te		
Carrier name: FedEx UPS Courier Client U	JS Mail Othe	er	
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	2)* Yes	No	
Cooler #1 Cooler #2 Cooler #3	Cooler #4	Co	ooler#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 🗸	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?	Ch	ecked by	PM
Sample Condition: Good Other(Explain)			
(For diffusive samples or AIHA lead) Is a known blank included	uded? Ye	S	No V

#### 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:** 14-Nov-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1611666

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1611666-001A	2	11/8/2016 10:25:00AM	Surface Water	er FECAL COLIFORM-MF			11/08/2016
1611666-001B	2	11/8/2016 10:25:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	11/10/2016 4:45:00 PM	11/11/2016
1611666-002A	1	11/8/2016 10:42:00AM	Surface Water	er FECAL COLIFORM-MF			11/08/2016
1611666-002B	1	11/8/2016 10:42:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	11/10/2016 4:45:00 PM	11/11/2016
1611666-003A	4	11/8/2016 11:00:00AM	Surface Water	er FECAL COLIFORM-MF			11/08/2016
1611666-003B	4	11/8/2016 11:00:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	11/10/2016 4:45:00 PM	11/11/2016
1611666-004A	3	11/8/2016 11:15:00AM	Surface Water	er FECAL COLIFORM-MF			11/08/2016
1611666-004B	3	11/8/2016 11:15:00AM	Surface Water	er Residue, Suspended (TSS) by SM2540[	)	11/10/2016 4:45:00 PM	11/11/2016

CCR Environmental, Inc. **Client:** 

Dunwoody

1611666

**Project Name:** 

Workorder:

ANALYTICAL QC SUMMARY REPORT

Date:

14-Nov-16

BatchID: 232725

Sample ID: MB-232725 SampleType: MBLK	Client ID: TestCode:	Residue, Suspended (TSS	) by SM2540D		Unit Bate	ts: <b>mg/L</b> chID: <b>232725</b>		Date: llysis Date:	11/10/2016 11/11/2016	Run No: <b>329661</b> Seq No: <b>7161364</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1611666-004BDUP	Client ID:	3			Unit	ts: mg/L	Prep	Date:	11/10/2016	Run No: <b>329661</b>
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 232725	Ana	lysis Date:	11/11/2016	Seq No: <b>7161377</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	BRL	4.0						0	0	5
Sample ID: 1611876-001ADUP	Client ID:				Unit	ts: mg/L	Prep	Date:	11/10/2016	Run No: 329661
SampleType: <b>DUP</b>	TestCode:	Residue, Suspended (TSS	) by SM2540D		Bato	chID: 232725	Ana	lysis Date:	11/11/2016	Seq No: <b>7161366</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qual
Residue, Suspended (TSS)	17.50	5.0						18.00	2.82	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.

1611666

**Project Name:** 

Workorder:

Dunwoody

ANALYTICAL QC SUMMARY REPORT

Date:

14-Nov-16

BatchID: R329447

Sample ID: MB-R329447	Client ID:			Units: Colonies/100ml Prep Date:	Run No: 329447
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D-1997	BatchID: <b>R329447</b> Analysis Date: <b>11/08/2016</b>	Seq No: <b>7155576</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			
Sample ID: MB-R329447-2	Client ID:			Units: Colonies/100ml Prep Date:	Run No: <b>329447</b>
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D-1997	BatchID: <b>R329447</b> Analysis Date: <b>11/08/2016</b>	Seq No: <b>7155587</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			
Sample ID: MB-R329447-3	Client ID:			Units: Colonies/100ml Prep Date:	Run No: <b>329447</b>
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D-1997	BatchID: <b>R329447</b> Analysis Date: <b>11/08/2016</b>	Seq No: <b>7155594</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

E Estimated (value above quantitation range)

N Analyte not NELAC certified

Less than Result value

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

## ANALYTICAL ENVIRONMENTAL SERVICES, INC.



December 20, 2016

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: 1612C80

Analytical Environmental Services, Inc. received 4 samples on 12/13/2016 2:14:00 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.

Tara Westervelt

Project Manager

# ANALYTICAL ENVIRONMENTAL SERVICES, INC

CHAIN OF CUSTODY

3080 Presidential Drive, Atlanta GA 30340-3704

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

Work Order: <u>///3080</u>

Date: <u>/2, 13, 16 Page</u> of \_\_\_\_\_

COMPANY:	ADDRESS:  3772 Pleasanthale RA. Swite 150 Atlanta, 6A 30340  FAX:								AN	ALYSI	S REQ	UESTE	D			Visit our website	
ECRENV		Suite 1: Attanta	,6A	36	340	الرجدة مم										www.aesatlanta.com to check on the status of	s
HONE: 776-458-7943			1	-		591/pz	V			1						your results, place bottle orders, etc.	ntainer
AMPLED BY: Randy FICART-TA	SIGNATURE:	12.J.S.		1		Cert	5									bottle of ders, etc.	No# of Containers
	SAM	IPLED	_	site	ix des)	3				<u></u>			<u> </u>				No.
# SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)	1,0	ī		PR	ESERVA	ATION	See code	(8)			REMARKS	
, 2	12.13.16	11:38 ~~	×		SW	X	X										2
2		11:55 am	, in a constant		j		4										2
3		12:35/															2
4 3	Manaa	12:15 pm	ı		1	,											2
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6						1		_					-				
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9						-	_		_				_				
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12										-	+	_					
13				1						_	╂						
14 DATE: TD 45	RECEIVED F	l ov.		<u> </u>	DATE/TIMI	7.			PI	ROJEC	r info	RMATI	N N			RECEIPT	L
RELINQUISHED BY: DATE/TIME:	I: Do	rita C	Im	sai	12131	PRO	JECT N	IAME:				M Q-1				Total # of Containers	8
2:	2:	wort	<i>)</i>	00		PRO	JECT#	:	16	03-	WA	Q-0	19 1			Turnaround Time Request	
						SITI	E ADDR	ESS:								Standard 5 Business Days	
3:	3:					OF N	D DED	ODT TO	<u> </u>							2 Business Day Rush Next Business Day Rush	
TO THE PARTY OF TH	<u> </u>	SHIPMEN	гметн	OD:			D REPO		J						······································	Same Day Rush (auth req.	.)
SPECIAL INSTRUCTIONS/COMMENTS:	OUT /	/ /	VIA:						ROM A	BOVE)						Other	
	IN /	γ NΓ FedEx U	VIA: PS MA		JRIER											STATE PROGRAM (if any):  E-mail?  Fax?	
	Consequences	EYHOUND O				Qί	OTE #:					PO	#:			DATA PACKAGE: 1 O II OIII C	Ovio
SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONS							FAT IS	MARI	CED O	N COC	AES W	LL PRO	CEED A	AS STAN	DARD T	AT.	

Client: CCR Environmental, Inc. Client Sample ID: 2

**Project Name:** Dunwoody Collection Date: 12/13/2016 11:38:00 AM

Date:

20-Dec-16

Lab ID: 1612C80-001 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TS	S)	0.8	J	0.8	4.0	mg/L	235085	1	12/19/2016 12:43	AD
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		340		20	20	Colonies/100	R332411	10	12/13/2016 17:40	MU

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

3 of 10

Client: CCR Environmental, Inc. Client Sample ID: 1

Project Name: Dunwoody Collection Date: 12/13/2016 11:55:00 AM

Date:

20-Dec-16

Lab ID: 1612C80-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TS	S) by SM2540D									
Residue, Suspended (TSS	5)	3.2	J	0.8	4.0	mg/L	235085	1	12/19/2016 12:44	AD
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		470		20	20	Colonies/100	R332411	10	12/13/2016 17:40	MU

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: 4

Project Name: Dunwoody Collection Date: 12/13/2016 12:35:00 PM

Date:

20-Dec-16

Lab ID: 1612C80-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS	) by SM2540D									
Residue, Suspended (TSS	)	4.0		0.8	4.0	mg/L	235085	1	12/19/2016 12:44	AD
Fecal Coliform (MF)	SM9222D-1997									
Fecal Coliform, (MF)		180		20	20	Colonies/100	R332411	10	12/13/2016 17:40	MU

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: 12/13/2016 12:15:00 PM

Date:

20-Dec-16

Lab ID: 1612C80-004 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by	y SM2540D									
Residue, Suspended (TSS)		1.6	J	0.8	4.0	mg/L	235085	1	12/19/2016 12:45	AD
Fecal Coliform (MF)	M9222D-1997									
Fecal Coliform, (MF)		300		20	20	Colonies/100	R332411	10	12/13/2016 17:40	MU

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 COL EW.		Work Order Number /WAC80
Checklist completed by Muan facuar 157 Signature Date	1/3/2014 te	<i>2</i>
Carrier name: FedEx UPS Courier Client U	IS Mail Othe	er
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 #2°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	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?	CI	Thecked by
Sample Condition: Good Other(Explain)		
(For diffusive samples or AIHA lead) Is a known blank inc	luded? Y	res No

See Case Narrative for resolution of the Non-Conformance.

\\Aes\_server\I\Sample Receipt\My Documents\COCs and pH Adjustment Sheet\Sample\_Cooler\_Recipt\_Checklist\_Rev1.rtf

 $<sup>\</sup>boldsymbol{\ast}$  Samples do not have to comply with the given range for certain parameters.

**Date:** 20-Dec-16

Client: CCR Environmental, Inc.

Project Name: Dunwoody
Lab Order: 1612C80

# **Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1612C80-001A	2	12/13/2016 11:38:00AM	Surface Water	er FECAL COLIFORM-MF			12/13/2016
1612C80-001B	2	12/13/2016 11:38:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	12/19/2016 9:00:00 AM	12/19/2016
1612C80-002A	1	12/13/2016 11:55:00AM	Surface Water	er FECAL COLIFORM-MF			12/13/2016
1612C80-002B	1	12/13/2016 11:55:00AM	Surface Water	er Residue, Suspended (TSS) by SM25400	)	12/19/2016 9:00:00 AM	12/19/2016
1612C80-003A	4	12/13/2016 12:35:00PM	Surface Water	er FECAL COLIFORM-MF			12/13/2016
1612C80-003B	4	12/13/2016 12:35:00PM	Surface Water	er Residue, Suspended (TSS) by SM2540D	)	12/19/2016 9:00:00 AM	12/19/2016
1612C80-004A	3	12/13/2016 12:15:00PM	Surface Water	er FECAL COLIFORM-MF			12/13/2016
1612C80-004B	3	12/13/2016 12:15:00PM	Surface Wate	er Residue, Suspended (TSS) by SM2540[	)	12/19/2016 9:00:00 AM	12/19/2016

CCR Environmental, Inc. **Client:** 

ANALYTICAL QC SUMMARY REPORT

Date:

20-Dec-16

**Project Name:** Dunwoody Workorder: 1612C80

BatchID: 235085

Sample ID: MB-235085	Client ID:				Units:	mg/L	Prep	Date:	12/19/2016	Run No: 332471
SampleType: MBLK	TestCode:	Residue, Suspended (TSS)	by SM2540D		BatchID:	235085	Ana	lysis Date:	12/19/2016	Seq No: <b>7242276</b>
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	w Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: 1612C30-002ADUP	Client ID:				Units:	mg/L	Prep	Date:	12/19/2016	Run No: 332471
SampleType: <b>DUP</b>	TestCode: Residue, Suspended (TSS) by SM2540D			BatchID: 235085			Analysis Date: 12/19/2016		Seq No: <b>7242278</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	w Limit	High Limit	RPD Ref	Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	174.0	20.0						166.0	4.71	5
Sample ID: <b>1612C77-001BDUP</b>	Client ID:				Units:	mg/L	Prep	Date:	12/19/2016	Run No: <b>332471</b>
SampleType: <b>DUP</b>	TestCode: Residue, Suspended (TSS) by SM2540D			BatchID: <b>235085</b>			Analysis Date: 12/19/2016		Seq No: <b>7242289</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	w Limit	High Limit	RPD Ref	`Val %RPD	RPD Limit Qua
Residue, Suspended (TSS)	226.0	20.0						220.0	2.69	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

R RPD outside limits due to matrix

H Holding times for preparation or analysis exceeded

B Analyte detected in the associated method blank

**Client:** CCR Environmental, Inc. ANALYTICAL QC SUMMARY REPORT

Date:

20-Dec-16

Dunwoody **Project Name:** Workorder: 1612C80

BatchID: R332411

Sample ID: MB-R332411	Client ID:				Unit	s: Colonies/100m	nl Prep Date:		Run No: 332411	
SampleType: MBLK	TestCode: Fecal Coliform (MF)		SM9222D-1997		BatchID: <b>R332411</b>		Analysis Date: 12/13/2016		Seq No: <b>7239881</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Re	f Val %RPI	O RPD Limit Qual	
Fecal Coliform, (MF)	BRL	2								
Sample ID: MB-R332411-2	Client ID:				Unit	s: Colonies/100m	nl Prep Date:		Run No: <b>332411</b>	
SampleType: MBLK	TestCode: Fecal Coliform (MF)		SM9222D-1997		Batc	hID: <b>R332411</b>	Analysis Date: 12/13/2016		Seq No: <b>7239907</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Re	f Val %RPI	O RPD Limit Qual	
Fecal Coliform, (MF)										

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

S Spike Recovery outside limits due to matrix

E Estimated (value above quantitation range)

Less than Result value

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