ANALYTICAL ENVIRONMENTAL SERVICES, INC.



March 17, 2022

Chris Crow Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2203G10

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

March 14, 2022 10:57 am

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within

EPA and/or AES established limits. AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

Work Order: 2203G10 Page ___ of ___

CHAIN OF CUSTODY

COMPANY:	ADDRESS:		ANALYSIS REQUESTED	
PHONE: 770-438-7943 SAMPLED BY: Jayson Sutton			2	Visit our website www.aesatlanta.com for downloadable COCs and to
PHONE: 770-458-7943	EMAIL:			log in to your AESAccess
SAMPLED BY: Jayson Sutton	SIGNATURE: Jarys	onSutten	S &	of Contr.
3	SAMPLED:	×		Number Number
# SAMPLE ID	DATE TIME	GRAB	PRESERVATION (see codes)	REMARKS
	DATE		404	
1 NC7 2 NC	3/14 9:43	6 50	U x x	0=Nov 52 63 2
	10,05	5		2
3 NC2	1 10.3	5 0 1		2
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/TIME:	PROJECT NAME: PROJECT NAME:	RECEIPT
1. Jayson Sutton 3/14/2 10:57	()2()	3.14.22 10.57 au	PROJECT NAME: DUNWOODY	Total # of Containers
2.	2.		PROJECT #: Ç 3Q 5 6	Turnaround Time (TAT) Request in Business Days
			SITE ADDRESS.	Standard 4-Day Rush* 3-Day Rush* 2-Day Rush*
3.	3.		SEND REPORT TO:	Next Day Rush* Other
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPN	MENT METHOD	SEND REPORT TO: CCCEV@Vhb, Com	Same-Day Rush*(auth req.)
	OUT: / /	VIA:	INVOICE TO (IF DIFFERENT FROM ABOVE):	*Surcharges apply for Rush TAT
	IN: / Client FedEx U	VIA: PS US mail courier		REGULATORY PROGRAM (if any):
	other:	. J J man country	QUOTE #: PO#:	DATA PACKAGE: 1 O 11 O 11 O 1V O
Submission of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is n	s Terms & Conditions. Client as narked on COC, AES will proce	ssumes sole responsibility for d ed with standard TAT. Samples	mage or loss of samples before we accept them. Samples received after 3PM are disposed of 30 days after completion of report unless other arrangement	A or on Saturday are considered as received the following ts are made.

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name: Dunwoody Collection Date: 3/14/2022 9:45:00 AM

Lab ID:2203G10-001Matrix:Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	2.8	J	0.8	4.0	mg/L	332813	1	03/17/2022 14:29	JP
Fecal Coliform (MF) SM9222D									
Fecal Coliform, (MF)	800		100	100	Colonies/100	R480123	100	03/14/2022 15:43	AA

Date:

17-Mar-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 3/14/2022 10:05:00 AM

Lab ID:2203G10-002Matrix:Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2	540D								
Residue, Suspended (TSS)	1.2	J	0.8	4.0	mg/L	332734	1	03/16/2022 14:16	JP
Fecal Coliform (MF) SM9222D)								
Fecal Coliform, (MF)	80		10	10	Colonies/100	R480123	10	03/14/2022 15:43	AA

Date:

17-Mar-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: NC2

Project Name: Dunwoody Collection Date: 3/14/2022 10:35:00 AM

Lab ID:2203G10-003Matrix:Surface Water

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	DF	Date Analyzed	Analyst
Residue, Suspended (TSS) by SM2540D									
Residue, Suspended (TSS)	4.4		0.8	4.0	mg/L	332813	1	03/17/2022 14:29	JP
Fecal Coliform (MF) SM9222D									
Fecal Coliform, (MF)	1200		100	100	Colonies/100 ml	R480123	100	03/14/2022 15:43	AA

Date:

17-Mar-22

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

F Analyzed in the lab which is a deviation from the method

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value

< Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc			AES Work Order Number: 2203G10								
2. Carrier: FedEx UPS USPS Client Courier Other			-								
	Yes	No	N/A	Details	Comments						
3. Shipping container/cooler received in good condition?	0	О	О	damaged leaking other							
4. Custody seals present on shipping container?	\circ	0									
5. Custody seals intact on shipping container?	0	0	0								
6. Temperature blanks present?	0	0	0								
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present \square	2						
8. Chain of Custody (COC) present?	0		О								
9. Chain of Custody signed, dated, and timed when relinquished and received?	0	0	0								
0. Sampler name and/or signature on COC?	0	0									
1. Were all samples received within holding time?	0	0									
2. TAT marked on the COC?	0	0	0	If no TAT indicated, proceeded with standard TAT p	er Terms & Conditions.						
13. Cooler 1 Temperature 3.0 °C Cooler 2 Temperature 4.14. Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 3 Temperature °C C	Cooler 4 Temperature °C						
.4. Cooler 5 Temperature °C Cooler 6 Temperature			°С		Cooler 8 Temperature °C						
.5. Comments:				I certify that I hav	ve completed sections 1-15 (dated initials).	CP 3/14/2022					
	Yes	No	N/A	Details	Comments						
.6. Were sample containers intact upon receipt?	0	0	0								
7. Custody seals present on sample containers?		0									
8. Custody seals intact on sample containers?	0	0	0								
.9. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other							
20. Are analyses requested indicated on the COC?	0	0									
21. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received							
22. Was the sample collection date/time noted?	0	0	0								
3. Did we receive sufficient sample volume for indicated analyses?	0	0	О								
4. Were samples received in appropriate containers?	Ō	0	О								
5. Were VOA samples received without headspace (< 1/4" bubble)?	\circ	O	0								
6. Were trip blanks submitted?	\circ	\circ	0	listed on COC not listed on COC							
7. Comments:											
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that I hav Details	ve completed sections 16-27 (dated initials). Comments	CW 3/14/22					
8. Have containers needing chemical preservation been checked? *	\cap	Ó	ΙÓ								
9. Containers meet preservation guidelines?	Ŏ	Ŏ	10								
10. Was pH adjusted at Sample Receipt?	Ŏ	1 o	lŏ								
* Note: Certain analyses require chemical preservation but must be checked in th	e laboro	tony and		n Sample Receipt such as Coliforms VOCs and Oil 9 C	rease/TPH						
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified by		•		Leartifu that I have	ve completed sections 28-30 (dated initials).	CW 3/14/22					

Locked

nental Services, Inc Date: 21-Mar-22

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2203G10

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2203G10-001A	NC1	3/14/2022 9:45:00AM	Surface Water	FECAL COLIFORM-MF			03/14/2022
2203G10-001B	NC1	3/14/2022 9:45:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		3/17/2022 9:27:33 AM	03/17/2022
2203G10-002A	MC	3/14/2022 10:05:00AM	Surface Water	FECAL COLIFORM-MF			03/14/2022
2203G10-002B	MC	3/14/2022 10:05:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		3/16/2022 9:00:14 AM	03/16/2022
2203G10-003A	NC2	3/14/2022 10:35:00AM	Surface Water	FECAL COLIFORM-MF			03/14/2022
2203G10-003B	NC2	3/14/2022 10:35:00AM	Surface Water	Residue, Suspended (TSS) by SM2540D		3/17/2022 9:27:33 AM	03/17/2022

Vanasse Hangen Brustlin, Inc **Client:**

ANALYTICAL QC SUMMARY REPORT

Date:

17-Mar-22

Project Name: Dunwoody Workorder: 2203G10

BatchID: 332734

Sample ID: MB-332734	Client ID:				Uni	ts: mg/L	Prep Date:	03/16/2022	Run No: 480230	
SampleType: MBLK	TestCode:	Residue, Suspended (TSS) by SM2540D		Bato	chID: 332734	Analysis D	oate: 03/16/2022	Seq No: 11110304	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %	RPD RPD Limit Qual	
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: LCS-332734	Client ID:				Uni	ts: mg/L	Prep Date:	03/16/2022	Run No: 480230	
SampleType: LCS	TestCode:	Residue, Suspended (TSS) by SM2540D		Bato	chID: 332734	Analysis D	Analysis Date: 03/16/2022		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %	RPD RPD Limit Qual	
Residue, Suspended (TSS)	50.00	20.0	56.80		88.0	73.59	126.41			
Sample ID: 2203G10-002BDUP	Client ID:	MC			Uni	ts: mg/L	Prep Date:	03/16/2022	Run No: 480230	
SampleType: DUP	TestCode:	Residue, Suspended (TSS) by SM2540D		Bato	chID: 332734	Analysis D	Date: 03/16/2022	Seq No: 11110311	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit RPI	O Ref Val %	RPD RPD Limit Qual	
Residue, Suspended (TSS)	1.200	4.0						1.200	0 10 J	

Qualifiers: Greater than Result value

> BRL Below reporting limit

Estimated value detected below Reporting Limit

Rpt Lim 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

Holding times for preparation or analysis exceeded

Project Name:

Workorder:

Client: Vanasse Hangen Brustlin, Inc

2203G10

Vanasse Hangen Brustlin, In Dunwoody

ANALYTICAL QC SUMMARY REPORT

Date:

17-Mar-22

BatchID: 332813

Sample ID: MB-332813	Client ID:				Uni	ts: mg/L	Pre	p Date:	03/17/2022	Run No: 480348
SampleType: MBLK	TestCode:	Residue, Suspended (TSS) by SM2540D		Bat	chID: 332813	Ana	alysis Date:	03/17/2022	Seq No: 11114823
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	f Val %RPE	RPD Limit Qu
Residue, Suspended (TSS)	BRL	5.0								
Sample ID: LCS-332813	Client ID:				Uni	ts: mg/L	Pre	p Date:	03/17/2022	Run No: 480348
SampleType: LCS	TestCode:	TestCode: Residue, Suspended (TSS) by SM2540D				BatchID: 332813 Ana			03/17/2022	Seq No: 11114825
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	f Val %RPD	RPD Limit Qu
Residue, Suspended (TSS)	48.00	20.0	56.80		84.5	73.59	126.41			
Sample ID: 2203H15-005ADUP	Client ID:				Uni	ts: mg/L	Pre	p Date:	03/17/2022	Run No: 480348
SampleType: DUP	TestCode:	Residue, Suspended (TSS) by SM2540D		Bat	chID: 332813	Ana	alysis Date:	03/17/2022	Seq No: 11114828
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref	f Val %RPE	RPD Limit Qu
Residue, Suspended (TSS)	11.00	2.0						11.20	1.80	10

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

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

17-Mar-22

Project Name:DunwoodyWorkorder:2203G10BatchID: R480123

Sample ID: MB-R480123 SampleType: MBLK	Client ID: TestCode: F	ecal Coliform (MF)	SM9222D		Units Bate	s: Colonies/100m hID: R480123	Prep Date: Analysis Date:	03/14/2022	Run No: 480123 Seq No: 11105554
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Re	f Val %RPI	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1							
Sample ID: MB-R480123-2 SampleType: MBLK	Client ID: TestCode: F	ecal Coliform (MF)	SM9222D		Unit: Bate	s: Colonies/100m hID: R480123	Prep Date: Analysis Date:	03/14/2022	Run No: 480123 Seq No: 11107265
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Re	f Val %RPI	D RPD Limit Qual

Fecal Coliform, (MF) BRL

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



March 22, 2022

Chris Crow Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2203K60

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

3/17/2022 10:00:00 AM

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Vork	Order:	2203	K	60
	Pa	age	of	

COMPANY:	ADDRESS:	1.00			ANA	ALYSIS REQUESTED	×	Visit our website	
1 / I				2				www.aesatlanta.com for	
PHONE: 220 U.C.	EMAIL:			(olform				downloadable COCs and to	ers
770-458-7943				0				log in to your AESAccess account.	ntain
PHONE: 770-458-7943 SAMPLED BY: Jayson Sutton	SIGNATURE: Jaysa	Sutter	2						Number of Container
	SAMPLED:		es)	Bla				3	mber
# SAMPLE ID	DATE THAT	GRAB	MATRIX (see codes)		PRES	ERVATION (see codes)			N N
	DATE TIME	ON	M (see	1/0				REMARKS	
1	3/17 8:55	4	54	X				G=Na25203	1
2	9:20								L
3 NC2	0 9:45		4						t
4					70				
5									
6		1.							
7									
8									
9									
10									$\neg \neg$
11									
12									
13									
14									
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/				DJECT INFORMATION		RECEIPT	
1. Jay son Suttan 3/17/22/10:04	Darielon	Hull ?	117122	PROJECT NA	AME: Dunu	soo dy		Total # of Containers	3
2.	2.		,	PROJECT #:	6411	0,00		Turnaround Time (TAT) Request in Busine	ess Days
	V			SITE ADDRE	SS:			Standard 4-Day Rush*	- 1
3.	3.			SEND REPO	RT TO:	0 11		3-Day Rush* 2-Day Rush*	
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMEN [*]	T METHOD			ccreve	Duhbi-cons		Next Day Rush* Other Same-Day Rush*(auth req.)	
OUT: VIA:					(IF DIFFERENT FROI			*Surcharges apply for Rush TAT	-
	Client FedEx UPS	VIA: US mail cour	rier					REGULATORY PROGRAM (if any):	
other:				QUOTE #: PO#: DATA PACKAGE: I O II O IV					
Submission of samples to the laboratory constitutes acceptance of AES's	Terms & Conditions. Client assum								llowing

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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 NaOH = SH O = Other (specify) NA = None

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC7

Project Name: Dunwoody Collection Date: 3/17/2022 8:55:00 AM

Lab ID:2203K60-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID) DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		24000		1000	1000	Colonies/100 ml	R480500	1000	03/17/2022 15:22	AA

Date:

22-Mar-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 3/17/2022 9:20:00 AM

Lab ID:2203K60-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1500		100	100	Colonies/100	R480500	100	03/17/2022 15:22	AA

Date:

MC

22-Mar-22

Qualifiers:

* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

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F Analyzed in the lab which is a deviation from the method

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S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value < Less than Result value

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC2

Project Name: Dunwoody Collection Date: 3/17/2022 9:45:00 AM

Lab ID:2203K60-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		2600		100	100	Colonies/100	R480500	100	03/17/2022 15:22	AA

Date:

22-Mar-22

Qualifiers:

* Value exceeds maximum contaminant level

BRL Not detected at MDL

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

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F Analyzed in the lab which is a deviation from the method

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value

< Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Numb	er: 2203K60	
2. Carrier: FedEx UPS USPS Client Courier Other			_			
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?	0			damaged leaking other		
4. Custody seals present on shipping container?		Ō	Ŏ			
5. Custody seals intact on shipping container?		0	0			
5. Temperature blanks present?	10	O	Ŏ			
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present		
8. Chain of Custody (COC) present?	0	0	0			
9. Chain of Custody signed, dated, and timed when relinquished and received	d? (Ŏ	Ŏ			
Sampler name and/or signature on COC?	10	Ŏ	Ö			
Were all samples received within holding time?	10	10	M			
2. TAT marked on the COC?	Õ	Ŏ	Ö	If no TAT indicated, proceeded with standard TAT per 1	erms & Conditions.	
3. Cooler 1 Temperature 3.2 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coo	er 4 Temperature°C	
4. Cooler 5 Temperature °C Cooler 6 Temperature			°C		er 8 Temperature°C	
5. Comments:				l certify that I have o	ompleted sections 1-15 (dated initials).	CP 3/17/2022
	Yes	No	N/A	Details	Comments	•
6. Were sample containers intact upon receipt?	0	Ю	ΙÓ			
7. Custody seals present on sample containers?	$\Box \Diamond$	0	Ō			
3. Custody seals intact on sample containers?	O	Ô	Ō			
9. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other		
O. Are analyses requested indicated on the COC?	0	0	0			
Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received		
2. Was the sample collection date/time noted?	0	0	\cap	_		
B. Did we receive sufficient sample volume for indicated analyses?	Ŏ	O	M			
1. Were samples received in appropriate containers?	<u> </u>	Ŏ	M			
5. Were VOA samples received without headspace (< 1/4" bubble)?	10	Ŏ	Ŏ			
5. Were trip blanks submitted?	10	Ŏ	Ō	listed on COC not listed on COC		
7. Comments:						
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that I have o	ompleted sections 16-27 (dated initials). Comments	HM 3/18/22
B. Have containers needing chemical preservation been checked? *		$\overline{\Box}$	10	- Details	Comments	
Containers meet preservation guidelines?	+	l δ	8			
D. Was pH adjusted at Sample Receipt?	 	18	18		<u> </u>	
* Note: Certain analyses require chemical preservation but must be checked in	the labora	tory and		Sample Receipt such as Coliforms VACs and Ail 9 Cross	· A/TDH	
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified		-		Leastifu that I have a	ompleted sections 28-30 (dated initials).	HM 3/18/22

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2203K60

Dates Report

Date: 25-Mar-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2203K60-001A	NC7	3/17/2022 8:55:00AM	Surface Water	er FECAL COLIFORM-MF			03/17/2022
2203K60-002A	MC	3/17/2022 9:20:00AM	Surface Water	er FECAL COLIFORM-MF			03/17/2022
2203K60-003A	NC2	3/17/2022 9:45:00AM	Surface Water	er FECAL COLIFORM-MF			03/17/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

22-Mar-22

Project Name: Dunwoody **Workorder:** 2203K60

BatchID: R480500

Sample ID: MB-R480500 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D		Units: Colonies/100ml Prep Date: Run No: 480500 BatchID: R480500 Analysis Date: 03/17/2022 Seq No: 11116412
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	1			
Sample ID: MB-R480500-2	Client ID:				Units: Colonies/100ml Prep Date: Run No: 480500
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R480500 Analysis Date: 03/17/2022 Seq No: 11118432
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	1			
Sample ID: MB-R480500-3	Client ID:				Units: Colonies/100ml Prep Date: Run No: 480500
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R480500 Analysis Date: 03/17/2022 Seq No: 11118456
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	1			

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



March 29, 2022

Chris Crow Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2203Q33

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on 3/22/2022 2:10:00 PM

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: <u>2203933</u>
Page ____ of ____

COMPANY:	ADDRESS:					7.		A	NALYSIS	REQUEST	ED	/		
VHB PHONE: 720 458 7043	EMAIL:					Corrora							Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess	ainers
PHONE: 770 458 7943 SAMPLED BY: Casey Dunn	SIGNATURE:	1.	7			0,							account.	Number of Containers
Casey Dunn	CAN	Casify IPLED:	Du	T		10								ber of
# SAMPLE ID	SAN	IPLED:	GRAB	COMPOSITE	MATRIX (see codes)			PR	ESERVATI	ON (see co	des)			Num
# SAMELED	DATE	TIME	95	COME	MA (see o	1,0	TT						REMARKS	
1 Site NO	3/22	60:01	X		SW	X							0 = Na2S2O3	1
2 MC		10:20	1											1
3 V NC2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	11:00			\ 	V								1
4			V											
5						\perp								
6						\perp	\perp	_						
7						+				-				
8				-		+	\dashv			-				
9				_		+	\dashv	_						
10						+	-							
11						+		_		-				
12			-			+	-	-						
13			-	-		+	-	_		-				
14 RELINQUISHED BY: DATE/TIME:	RECEIVED BY:			DATE/	TIME:	+		P	ROJECT IN	NFORMATI	ON		RECEIPT	
1. (aug) 1416 3/22/2022 /1426	1.	Const	1.11		27/2	Z PROJE	CT NAME:	7	\	W000			Total # of Containers	3
2	3	To go t	M		1.10	PROJE	CT #:	6	4110	0			Turnaround Time (TAT) Request in Busine	ess Days
2	2.	V				SITE A	DDRESS:		1				Standard 4-Day Rush*	- 1
3.	3.					SEND	REPORT TO:				-		3-Day Rush* 2-Day Rush* Next Day Rush* Other	·
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMEN	т метно	D									Same-Day Rush*(auth req.)	
	OUT: /	/	VIA:			INVOI	CE TO (IF DIF	FERENT FF	OM ABO	VE):			*Surcharges apply for Rush TAT	Г
	IN: Client	FedEx UPS	VIA: US ma	il cou	rier								REGULATORY PROGRAM (if any):	
		other:				QUO	TE #:			Р	O#:		DATA PACKAGE: I O II O III O IV O	
Submission of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is n	Terms & Condit	ions. Client assun	nes sole re	esponsibil ard TAT. S	ity for dama	ge or loss disposed	of samples b	efore we	accept the	em. Sample eport unles	es received af	ter 3PM or on Sati gements are made	urday are considered as received the fo	ollowing

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC 1

Project Name: Dunwoody Collection Date: 3/22/2022 10:00:00 AM

Lab ID:2203Q33-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		140		10	10	Colonies/100	R481052	10	03/22/2022 17:00	AA

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

F Analyzed in the lab which is a deviation from the method

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

Date:

29-Mar-22

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE MC

Project Name: Dunwoody Collection Date: 3/22/2022 10:20:00 AM

Lab ID:2203Q33-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		130		10	10	Colonies/100	R481052	10	03/22/2022 17:00	AA

Date:

29-Mar-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC 2

Project Name: Dunwoody Collection Date: 3/22/2022 11:00:00 AM

Lab ID:2203Q33-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1900		100	100	Colonies/100	R481052	100	03/22/2022 17:00	AA

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

F Analyzed in the lab which is a deviation from the method

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 9

29-Mar-22

Date:



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc.				AES Work Order Numbe	er: 2203Q33	
2. Carrier: FedEx UPS USPS Client Courier Other			_			
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?	0	0		damaged leaking other		
4. Custody seals present on shipping container?		0	0			
5. Custody seals intact on shipping container?	\circ		0			
6. Temperature blanks present?	\odot		О			
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present		
8. Chain of Custody (COC) present?	0		О			
9. Chain of Custody signed, dated, and timed when relinquished and received?	0		Ō			
0. Sampler name and/or signature on COC?	0		Ю			
Were all samples received within holding time?	0	Ö	Ŏ			
2. TAT marked on the COC?	Ō	Ŏ	Ŏ	If no TAT indicated, proceeded with standard TAT per T	erms & Conditions.	
3. Cooler 1 Temperature 3.1 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	er 4 Temperature°C	
4. Cooler 5 Temperature °C Cooler 6 Temperature			°С		er 8 Temperature°C	
5. Comments:						
				I certify that I have co	ompleted sections 1-15 (dated initials).	CP 3/22/2022
	Yes	No	N/A	Details	Comments	
6. Were sample containers intact upon receipt?	0					
7. Custody seals present on sample containers?	\circ	0	Ō			
8. Custody seals intact on sample containers?	O	0	0			
9. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other		
0. Are analyses requested indicated on the COC?	0	0	0			
1. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received		
2. Was the sample collection date/time noted?	0		\cap			
3. Did we receive sufficient sample volume for indicated analyses?	Ŏ	Ŏ	1 $\stackrel{\textstyle \sim}{\sim}$			
4. Were samples received in appropriate containers?	Ŏ	Ŏ	18			
5. Were VOA samples received without headspace (< 1/4" bubble)?	$ \mathcal{S} $	lõ	lŏ			
6. Were trip blanks submitted?	Ŏ	Ŏ	Ŏ	listed on COC not listed on COC		
7. Comments:					•	
This section only applies to samples where pH can be checked at Sample Receipt.			21/2	·	ompleted sections 16-27 (dated initials).	CH 3/23/22
·	Yes	No	N/A	Details I	Comments	
8. Have containers needing chemical preservation been checked? *	$+\times$	18				
9. Containers meet preservation guidelines?	12	$+\times$				
0. Was pH adjusted at Sample Receipt?	$\perp \cup$	\cup	0	<u> </u>		
* Note: Certain analyses require chemical preservation but must be checked in th This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified b		•		Leartify that I have so	e/TPH. ompleted sections 28-30 (dated initials).	CH 3/23/22

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody Lab Order: 2203Q33

Dates Report

Date: 29-Mar-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2203Q33-001A	SITE NC 1	3/22/2022 10:00:00AM	Surface Water	er FECAL COLIFORM-MF			03/22/2022
2203Q33-002A	SITE MC	3/22/2022 10:20:00AM	Surface Wate	er FECAL COLIFORM-MF			03/22/2022
2203Q33-003A	SITE NC 2	3/22/2022 11:00:00AM	Surface Water	er FECAL COLIFORM-MF			03/22/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

29-Mar-22

Project Name: Dunwoody **Workorder:** 2203Q33

BatchID: R481052

Sample ID: MB-R481052	Client ID:				Units: Colonies/100ml Prep Date: Run No: 481052
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R481052 Analysis Date: 03/22/2022 Seq No: 11134302
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	1			
Sample ID: MB-R481052-2	Client ID:				Units: Colonies/100ml Prep Date: Run No: 481052
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R481052 Analysis Date: 03/22/2022 Seq No: 11134325
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual
Secal Coliform, (MF)	BRL	1			
Sample ID: MB-R481052-3	Client ID:				Units: Colonies/100ml Prep Date: Run No: 481052
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R481052 Analysis Date: 03/22/2022 Seq No: 11134347
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	1			

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



April 05, 2022

Casey Dunn Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Casey Dunn: Order No: 2203X88

Analytical Environmental Services, Inc. received 3 samples on March 29, 2022 11:43 am for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



ENVIRONMENTAL SERVICES, INC.		3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177 CHAIN OF CUSTODY					
	ADDRESS:	ANALYSIS REQUESTED	Visit our website				

COMPANY:	ADDRESS:			ANALYSIS REQUESTED	Visit our website
PHONE:	EMAIL:		18/8		www.aesatlanta.com for downloadable COCs and to
770 - 458 - 7943			10)		log in to your AESAccess
SAMPLED BY: Casey Dunn	SIGNATURE: Casy	Duw	(ca)		log in to your AESAccess account.
	SAMPLED:	SITE SITE	2		nm l
# SAMPLE ID	DATE TIME	GRAB COMPOSITE MATRIX (see codes)		PRESERVATION (see codes)	REMARKS
1 Site NC-1	3/29 10:45	X SW	Ž I		0-N025203 1
2 \ M C	11:05		X		1
3 MC-2	11:25		X		1
4					
5					
6					
7					
8					
9					
10					
11					
12					2.7
13					
14					
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/TIME:		PROJECT INFORMATION	RECEIPT
1. Casey June 3/29/2022/11.43	10 O 3 ·	29.22 11:43 aux	PROJECT NAME:	Dunwoody	Total # of Containers 3
2.	2.		PROJECT #:	64110	Turnaround Time (TAT) Request in Business Days
			SITE ADDRESS:		Standard 4-Day Rush*
3.	3.		SEND REPORT TO:		3-Day Rush* 2-Day Rush* Next Day Rush* Other
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT	T METHOD	1		Same-Day Rush*(auth req.)
	OUT: / /	VIA:	INVOICE TO (IF DIFFERI	ENT FROM ABOVE):	*Surcharges apply for Rush TAT
	IN: / Client FedEx UPS	VIA: US mail courier			REGULATORY PROGRAM (if any):
	other:		QUOTE #:	PO#:	DATA PACKAGE: I O II O III O IV O
Submission of samples to the laboratory constitutes acceptance of AES's	Terms & Conditions. Client assum	nes sole responsibility for damag	ge or loss of samples before	re we accept them. Samples received after 3P	M or on Saturday are considered as received the following

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Client:Vanasse Hangen Brustlin, IncClient Sample ID:SITE NC-1Project Name:DunwoodyCollection Date:3/29/2022 10:45:00 AMLab ID:2203X88-001Matrix:Surface Water

Date:

1-Apr-22

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		60		10	10	Colonies/100	R481617	10	03/29/2022 14:28	AA

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE MC

Project Name: Dunwoody Collection Date: 3/29/2022 11:05:00 AM

Lab ID:2203X88-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		330		10	10	Colonies/100	R481617	10	03/29/2022 14:28	AA

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

F Analyzed in the lab which is a deviation from the method

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

Date:

1-Apr-22

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC-2

Project Name: Dunwoody Collection Date: 3/29/2022 11:25:00 AM

Lab ID: 2203X88-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		3200		100	100	Colonies/100	R481617	100	03/29/2022 14:28	AA

Date:

1-Apr-22

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

F Analyzed in the lab which is a deviation from the method

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

lear Save as

1.	Client Name: Vanasse Hangen Brustlin, Inc		AES Work Order Number: 2203X88						
2.	Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other								
		Yes	No	N/A		Details		Comments	
3.	Shipping container/cooler received in good condition?	•	0	0	damaged leaki	ng other			
4.	Custody seals present on shipping container?	Ŏ	0	Ŏ					
5.	Custody seals intact on shipping container?	Ŏ	Ö	0					
6.	Temperature blanks present?	0	Õ	Ŏ					
/	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for represent	ecently collected samples /	/ ice		
8.	Chain of Custody (COC) present?	0	0	0	·				
9.	Chain of Custody signed, dated, and timed when relinquished and received?	Ŏ	Ŏ	Ŏ					
	Sampler name and/or signature on COC?	Ŏ	Ŏ	Ŏ					
1.		Ō	Ŏ	Ŏ					
2.	TAT marked on the COC?	Õ	Ŏ	M	If no TAT indicated, pr	roceeded with standard TA	T per Terms & Conditions.		
,								·	
3.	Cooler 1 Temperature 3.9 °C Cooler 2 Temperature			°C		e°C	Cooler 4 Temperature	°C	
4.	Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 7 Temperature	°C	Cooler 8 Temperature	°C	
_	Comments								
э.	Comments:								
						I certify that I	have completed sections 1-1	15 (dated initials).	CP 3/29/2022
		Yes	No	N/A		Details		Comments	
6.	Were sample containers intact upon receipt?	•	\circ	0		-		-	
7.	Custody seals present on sample containers?	\bigcirc	Õ	Ŏ					
8.	Custody seals intact on sample containers?	Ŏ	Ŏ	Ō					
9.	Do sample container labels match the COC?	0	0	0	incomplete info no label	illegible other			
0.	Are analyses requested indicated on the COC?	0	0	0				-	
1.	Were all of the samples listed on the COC received?	0	0	0	samples received but samples listed on COC	=			
2.	Was the sample collection date/time noted?	•	\circ	\bigcirc					
	Did we receive sufficient sample volume for indicated analyses?	ŏ	Ŏ	O					
	Were samples received in appropriate containers?	ŏ	Ŏ	Ŏ					
5.	Were VOA samples received without headspace (< 1/4" bubble)?	Ö	Ŏ	Ŏ					
	Were trip blanks submitted?	Ŏ	Ŏ	Ŏ	listed on COC	not listed on COC			
7.	Comments:						•		
						L certify that L	have completed sections 16	-27 (dated initials).	CD 03/30/22
	This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A		Details	tompleted sections 10	Comments	
8.	Have containers needing chemical preservation been checked? *	0	0	0					
9.	Containers meet preservation guidelines?	0	0	0					
0.	Was pH adjusted at Sample Receipt?	0	0	0					
	* Note: Certain analyses require chemical preservation but must be checked in the	e laborat	ory and	not upo	n Sample Receipt such a	s Coliforms, VOCs and Oil {	& Grease/TPH.		
	This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified be		•				have completed sections 28	-30 (dated initials).	CD 03/30/22

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2203X88

Dates Report

Date: 5-Apr-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2203X88-001A	SITE NC-1	3/29/2022 10:45:00AM	Surface Water	er FECAL COLIFORM-MF			03/29/2022
2203X88-002A	SITE MC	3/29/2022 11:05:00AM	Surface Water	er FECAL COLIFORM-MF			03/29/2022
2203X88-003A	SITE NC-2	3/29/2022 11:25:00AM	Surface Water	er FECAL COLIFORM-MF			03/29/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

1-Apr-22

Project Name:DunwoodyWorkorder:2203X88BatchID:R481617

Sample ID: MB-R481617	Client ID:				Units:	Colonies/10	0ml Prep	Date:		Run No:	481617
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D		BatchI	D: R481617	Ana	lysis Date:	03/29/2022	Seq No:	11149801
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC 1	Low Limit Hi	gh Limit	RPD Ref	`Val %RPI	O RPD	Limit Qual
Fecal Coliform, (MF)	BRL	1									
Sample ID: MB-R481617-2	Client ID:				Units:	Colonies/10	0ml Prep	Date:		Run No:	481617
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D		BatchI	D: R481617	Ana	lysis Date:	03/29/2022	Seq No:	11158010
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC 1	Low Limit Hi	gh Limit	RPD Ref	'Val %RPI	O RPD	Limit Qual
Fecal Coliform, (MF)	BRL	1									
Sample ID: MB-R481617-3	Client ID:				Units:	Colonies/10	0ml Prep	Date:		Run No:	481617
SampleType: MBLK	TestCode: Fecal	Coliform (MF)	SM9222D		BatchI	D: R481617	-		03/29/2022	Seq No:	11158015
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC 1	Low Limit Hi	gh Limit	RPD Ref	`Val %RPI	O RPD	Limit Qual
Fecal Coliform, (MF)	BRL	1									

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



May 24, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow:

Order No:

2205K13

Analytical Environmental Services, Inc. received

3 samples on

5/18/2022 10:00:00 AM

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager

3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: 2205K13

		ADDRESS:							ANALYSIS	REQUESTED	Visit our website	
PHONE:	VHB 770-458-7943	EMAIL:					dirolin				www.aesatlanta.com for downloadable COCs and to log in to your AESAccess	0
SAMPLE	770-458-7943 ED BY: Casey Dunn	SIGNATURE:	Cary	Saur			recular				account.	of Contain
#	SAMPLE ID	DATE	AMPLED:	GRAB	COMPOSITE	MATRIX (see codes)	122		PRESERVATI	ON (see codes)		Number of Containers
1	A/C		TIME		CON		7,0				REMARKS	
2	100	5/18	8:50	X	-	SW	*					1
3	1/2-2		9:35	+		1	X		++	+		(
4	7,7	-	1.2	+		V	-	++		+++		1
5								++	1	+++		+
6												+
7 8												+
9												
10												
11			-					++			1 .	
12							+++	++				_
13		/					-	++	+++			-
14		1						++	+++	+++		
	JISHED BY: DATE/TIME:	RECEIVED BY:			1 DATE/T	IME:			PROJECT INF	ORMATION	RECEIPT	
-(Cary Jeun 5/18/2012/10.	0	andan	Ph	W 1	0:00	2 ∂ ROJECT NAM	1E:	Dann	oody	Total # of Containers	3
	/	2.	/	/		1	PROJECT #: SITE ADDRESS:	S:	6411	0 1	Turnaround Time (TAT) Request in Busing	
		3.					SEND REPORT				Standard 4-Day Rush* 2-Day Rush*	
PECIAL IN	INSTRUCTIONS/COMMENTS:		SHIPMENT	METHOD	,						Next Day Rush* Other Same-Day Rush*(auth req.)	
		OUT: /	/	VIA:			INVOICE TO (IF	DIFFERENT	FROM ABOVE	:):	*Surcharges apply for Rush TAT	AT
		Client	FedEx UPS		l courie	er					REGULATORY PROGRAM (if any):	
	on of samples to the laboratory constitutes acceptance of AE business day. If no TAT is		other:		_	- 1	QUOTE #:			PO#:	DATA PACKAGE: 1 O 11 O 111 O 1V O	

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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 NaOH = SH O = Other (specify) NA = None

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-1

Project Name: Dunwoody Collection Date: 5/18/2022 8:50:00 AM

Lab ID:2205K13-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		250		10	10	Colonies/100 ml	R486333	10	05/18/2022 14:05	TG

Date:

24-May-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 5/18/2022 9:15:00 AM

Lab ID:2205K13-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		290		10	10	Colonies/100	R486333	10	05/18/2022 14:05	TG

Date:

24-May-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 5/18/2022 9:35:00 AM

Lab ID:2205K13-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		380		10	10	Colonies/100	R486333	10	05/18/2022 14:05	TG

Date:

NC-2

24-May-22

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

F Analyzed in the lab which is a deviation from the method

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value < Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Numbe	r: 2205K13	
2. Carrier: FedEx UPS USPS Client Courier Other			_			
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?	0			damaged leaking other		
4. Custody seals present on shipping container?	O	Ō	Ŏ			
5. Custody seals intact on shipping container?	Ŏ	0	0			
5. Temperature blanks present?	0	Ŏ	Ŏ			
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present		
8. Chain of Custody (COC) present?	0	0	0			
9. Chain of Custody signed, dated, and timed when relinquished and received?	0	Ŏ	Ŏ			
Sampler name and/or signature on COC?	0	Ŏ	Ö			
Were all samples received within holding time?	0	O	M			
2. TAT marked on the COC?	Õ	Ŏ	Ŏ	If no TAT indicated, proceeded with standard TAT per T	erms & Conditions.	
3. Cooler 1 Temperature 0.4 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Cool	er 4 Temperature°C	
4. Cooler 5 Temperature OC Cooler 6 Temperature			°С	Cooler 7 Temperature °C Cool	er 8 Temperature°C	
5. Comments:						CP 5/18/2022
				I certify that I have co	ompleted sections 1-15 (dated initials).	- 3/10/2022
<u></u>	Yes	No	N/A	Details	Comments	
6. Were sample containers intact upon receipt?	\bigcirc	LQ.	Q			
7. Custody seals present on sample containers?	+Q		1 Q			
3. Custody seals intact on sample containers?	O	0	0			
9. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other		
D. Are analyses requested indicated on the COC?	0	0	0			
1. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received		
2. Was the sample collection date/time noted?	0	0	0			
3. Did we receive sufficient sample volume for indicated analyses?	0	Ŏ	Ŏ			
Were samples received in appropriate containers?	Õ	Ŏ	Ŏ			
5. Were VOA samples received without headspace (< 1/4" bubble)?	O	Ŏ	Ō			
5. Were trip blanks submitted?	Ŏ	Ŏ	Ō	listed on COC not listed on COC		
7. Comments:						
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that I have co	ompleted sections 16-27 (dated initials). Comments	FM 5/18/22
3. Have containers needing chemical preservation been checked? *	1 63	TÖ	T 💽	Details	Comments	
Containers meet preservation guidelines?	$+\times$	18	18			
D. Was pH adjusted at Sample Receipt? Output Discontainers meet preservation guidelines?	$+\times$	$+\times$	18	+		
	LU					
* Note: Certain analyses require chemical preservation but must be checked in the This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified to		-	-	Leautification a	e/TPH. ompleted sections 28-30 (dated initials).	FM 5/18/22

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2205K13

Dates Report

Date: 24-May-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205K13-001A	NC-1	5/18/2022 8:50:00AM	Surface Water	er FECAL COLIFORM-MF			05/18/2022
2205K13-002A	MC	5/18/2022 9:15:00AM	Surface Water	er FECAL COLIFORM-MF			05/18/2022
2205K13-003A	NC-2	5/18/2022 9:35:00AM	Surface Water	er FECAL COLIFORM-MF			05/18/2022

Project Name:

Fecal Coliform, (MF)

Workorder:

Vanasse Hangen Brustlin, Inc **Client:** Dunwoody

2205K13

BRL

ANALYTICAL QC SUMMARY REPORT

Date:

24-May-22

BatchID: R486333

Sample ID: MB-R486333	Client ID:				Units	s: Colonies/100n	nl Prep Date:		Run No: 486333
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		Batc	chID: R486333	Analysis Date:	05/18/2022	Seq No: 11303511
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Ref	Val %RPI	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1							
Sample ID: MB-R486333-2	Client ID:				Units	s: Colonies/100n	nl Prep Date:		Run No: 486333
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		Batc	ehID: R486333	Analysis Date:	05/18/2022	Seq No: 11307317
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit High	Limit RPD Ref	Val %RPI	D RPD Limit Qual

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

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 01, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow:

Order No:

2205T10

Analytical Environmental Services, Inc. received

3 samples on

5/26/2022 10:38:00 AM

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

Work Order: Page

AES SERVICES, INC.		CHAIN OF C	JSTODY				
DMPANY:	ADDRESS:			ANALYSIS REQU	JESTED	Visit our website	
14B HONE: 770-458-7943 AMPLED BY: Casey Dana	EMAIL: SIGNATURE:	7,	ceral (disser			www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers
# SAMPLE ID	SAMPLED:	GRAB GOMPOSITE MATRIX (see codes)	way	PRESERVATION (se	ee codes)	PEANDYS	Number of
	DATE TIME	COM	30			REMARKS	
1 Site NC-1	\$/26 9:30	X SW	X				1
3	9:50						1
4	V						
5							
7				+			
8		1 1		++++			
9							
10							
11							
12							
13							
14						,	
Cory lune 5/26/2022/1023	RECEIVE BY:	DATE/TIME: 5/26/2		Dunwood 63950		RECEIPT Total # of Containers	3
. (3)	2.		PROJECT #: SITE ADDRESS:	_63950_	/	Turnaround Time (TAT) Request in Busing Standard 4-Day Rush 3-Day Rush* 2-Day Rush	*
	3.		SEND REPORT TO:			Next Day Rush* Other	
PECIAL INSTRUCTIONS/COMMENTS:	OUT: / /	NT METHOD VIA:	INVOICE TO (IF DIFFE	ERENT FROM ABOVE):		Same-Day Rush*(auth req.) *Surcharges apply for Rush TA	т
	Client FedEx UPS	VIA: S US mail courier			DOW	REGULATORY PROGRAM (if any): DATA PACKAGE:	
submission of samples to the laboratory constitutes acceptance of AES's	other:		QUOTE #:	fore we accept them C.	PO#:		
Submission of samples to the laboratory constitutes acceptance of AES'S business day. If no TAT is m	narked on COC, AES will proceed	d with standard TAT. Samples are o	disposed of 30 days after	r completion of report	unless other arrangements are ma	ide.	

Client:Vanasse Hangen Brustlin, IncClient Sample ID:SITE NC-1Project Name:DunwoodyCollection Date:5/26/2022 9:30:00 AMLab ID:2205T10-001Matrix:Surface Water

Date:

1-Jun-22

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		25000		1000	1000	Colonies/100	R487118	1000	05/26/2022 15:15	TN
						ml				

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE MC

Project Name: Dunwoody Collection Date: 5/26/2022 9:50:00 AM

Lab ID:2205T10-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		3000		100	100	Colonies/100	R487118	100	05/26/2022 15:15	TN

Date:

1-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC-2

Project Name: Dunwoody Collection Date: 5/26/2022 10:15:00 AM

Lab ID:2205T10-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		7000		1000	1000	Colonies/100	R487118	1000	05/26/2022 15:15	TN

Date:

1-Jun-22

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

F Analyzed in the lab which is a deviation from the method

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value < Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Number: 2205T10						
2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other			-	<u> </u>						
	Yes	No	N/A	Details	Comments					
3. Shipping container/cooler received in good condition?	0	0	0	damaged leaking other						
4. Custody seals present on shipping container?	0	0	0							
5. Custody seals intact on shipping container?	\circ		0							
6. Temperature blanks present?	0		О							
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present						
8. Chain of Custody (COC) present?	0	0	0							
9. Chain of Custody signed, dated, and timed when relinquished and received?	0		O							
LO. Sampler name and/or signature on COC?	0	0	Ö							
1. Were all samples received within holding time?	0	0	Ō							
12. TAT marked on the COC?	Ō	Ŏ	O	If no TAT indicated, proceeded with standard TAT pe	r Terms & Conditions.					
13. Cooler 1 Temperature 2.8 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Cc	ooler 4 Temperature°C					
13. Cooler 1 Temperature 2.8 °C Cooler 2 Temperature 4. Cooler 5 Temperature °C Cooler 6 Temperature			°C		ooler 8 Temperature°C					
				o						
15. Comments:										
				I certify that I have	completed sections 1-15 (dated initials).	MJ 5/26/22				
	Yes	No	N/A	Details	Comments					
16. Were sample containers intact upon receipt?	0		Ó							
L7. Custody seals present on sample containers?	8	ŏ	Ŏ							
18. Custody seals intact on sample containers?	8	Ŏ	Õ							
19. Do sample container labels match the COC?	Ō	Ŏ	O	incomplete info illegible no label other						
20. Are analyses requested indicated on the COC?	0	0	\bigcirc							
21. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received						
22. Was the sample collection date/time noted?	0	0	\cap	Sumples listed on ede not received						
23. Did we receive sufficient sample volume for indicated analyses?	8	K	$\vdash \bowtie$							
24. Were samples received in appropriate containers?	ŏ	8	K							
25. Were VOA samples received without headspace (< 1/4" bubble)?	8	8	<u>ŏ</u>							
26. Were trip blanks submitted?	\sim	X	Ŏ	listed on COC not listed on COC						
27. Comments:				instead on edge in inclusive a on edge in	L					
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	I certify that I have Details	e completed sections 16-27 (dated initials). Comments	CD 05/26/22				
28. Have containers needing chemical preservation been checked? *			<u> </u>	1						
29. Containers meet preservation guidelines?	X	M	8							
30. Was pH adjusted at Sample Receipt?	X	1 X	Ö							
* Note: Certain analyses require chemical preservation but must be checked in the	o loborat	on condi	_	Sample Bessint such as Californs VOCs and Oil 9 Cra	ano/TDU					
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified be		•		1	aserren. e completed sections 28-30 (dated initials).	CD 05/26/22				

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2205T10

Dates Report

Date: 2-Jun-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2205T10-001A	SITE NC-1	5/26/2022 9:30:00AM	Surface Wate	r FECAL COLIFORM-MF			05/26/2022
2205T10-002A	SITE MC	5/26/2022 9:50:00AM	Surface Wate	r FECAL COLIFORM-MF			05/26/2022
2205T10-003A	SITE NC-2	5/26/2022 10:15:00AM	Surface Wate	r FECAL COLIFORM-MF			05/26/2022

Project Name:

Fecal Coliform, (MF)

Workorder:

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

1-Jun-22

Dunwoody
2205T10 BatchID: R487118

Sample ID: MB-R487118	Client ID:		Units: Colonies/100ml Prep Date: Run N	o: 487118
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R487118 Analysis Date: 05/26/2022 Seq No.	11326753
Analyte	Result RPT Limi	SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPD R	PD Limit Qual
Fecal Coliform, (MF)	BRL 1			
Sample ID: MB-R487118-2	Client ID:		Units: Colonies/100ml Prep Date: Run N	o: 487118
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R487118 Analysis Date: 05/26/2022 Seq No.	11326768
Analyte	Result RPT Limi	SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPD R	PD Limit Qual
Fecal Coliform, (MF)	BRL 1			
Sample ID: MB-R487118-3	Client ID:		Units: Colonies/100ml Prep Date: Run N	o: 487118
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R487118 Analysis Date: 05/26/2022 Seq No.	11326775
Analyte	Result RPT Limi	SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPD R	PD Limit Qual

Qualifiers: > Greater than Result value

BRL Below reporting limit

Rpt Lim Reporting Limit

J Estimated value detected below Reporting Limit

BRL

< 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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 10, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No:

2206789

Analytical Environmental Services, Inc. received

3 samples on 6/7/2022 2:00:00 PM

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: <u>2 206 789</u> Page ___ of ___

СОМРА		ADDRESS: 3772	.Pleasc	ant	dale	2 Rd.	٤ .	paradoma processino. DOS desirante como vicines en esta de la como de la com		ANA	LYSIS F	REQUES	STED			Visit our website	
	VHB	Ste	Pleaso 150 Inta, G	-Δ	203	:40	Coliforn									www.aesatlanta.com for downloadable COCs and to	
PHONE:	770-458-7943	EWAIL:					3									log in to your AESAccess	tainers
SAMPLE	170-458-7943 ED BY: Savah Murray	SIGNATURE:	d M	m	بس	L	Fecal	i								account.	, Number of Containers
					1	LY	<u>. </u>									umber	
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	T.O		***************************************	PRESE	RVATIO	ON (see c	odes)			REMARKS	Z
1	NC 1	6/7/22	12:20	X		SW	₩ ×									0=Na2S2O3	
2	M.C.	1	12:20			1	1									0 -1407-503	
3	NC-1 MC NC-2	J	1:10	V	-	V	V									-	
4																	
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RELINQ	UISHED BY: DATE/TIME:	RECEIVED BY:		1	DATE/1	TIME:				PRO.	JECT INI	I FORMAT	ION			RECEIPT	
1. So	urah Murray 6/7/22 2:00	1.	11/10/	7/w	l 2:00	رم		ECT NAME	D	unv	να	ody	1			Total # of Containers	
2.	,	2.	100			-	PROJE	ECT #: ADDRESS:	(Or	+11	<u> </u>	-	5500314003CA30044CCS311100333			Turnaround Time (TAT) Request in Busine	
							SHEA	יחחאניסיי								Standard 4-Day Rush* 2-Day Rush*	
3.		3.	3.				SEND	REPORT "	TO:				con	ARREST AND AND ADDRESS OF THE ARREST ADDRESS OF THE ARREST AND ADDRESS OF THE ARREST ADDRESS OF THE ARREST AND ADDRESS OF THE ARREST AND ADDRESS OF		Next Day Rush* Other	
SPECIAL	INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD					Mark and the same of the same	***************	PARKET PRODUCT A V. A			COYY	<u> </u>		Same-Day Rush*(auth req.)	
		OUT: / / VIA:				INVOI	ICE TO (IF	DIFFERE	NT FROM	1 ABOVE	i):				*Surcharges apply for Rush TA	ſ	
		IN: / VIA:												REGULATORY PROGRAM (if any):			
			other:				QUO	OTE #:				1	PO#:		×***	DATA PACKAGE: I O IIO III O IVO	
Submiss	ion of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is $\ensuremath{\mathrm{n}}$	Terms & Conditi arked on COC, A	ions. Client assum NES will proceed w	es sole re ith stand	esponsibili ard TAT. S	ty for damag Samples are (mage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as rec are disposed of 30 days after completion of report unless other arrangements are made.					urday are considered as received the foe.	llowing				

3.18.21 COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-1

Project Name: Dunwoody Collection Date: 6/7/2022 12:20:00 PM

Lab ID:2206789-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		9000		1000	1000	Colonies/100	R487976	1000	06/07/2022 16:00	TN

Date:

10-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 6/7/2022 12:45:00 PM

Lab ID:2206789-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		2500		100	100	Colonies/100	R487976	100	06/07/2022 16:00	TN

Date:

10-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-2

Project Name:DunwoodyCollection Date:6/7/2022 1:10:00 PMLab ID:2206789-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		3900		100	100	Colonies/100	R487976	100	06/07/2022 16:00	TN

Date:

10-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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 9



SAMPLE/COOLER RECEIPT CHECKLIST

1.	. Client Name: Vanasse Hangen Brustlin, Inc			AES Work Ord	AES Work Order Number: 2206789						
2.	Carrier: FedEx UPS USPS Client Courier Other										
		Yes	No	N/A	Details		Comments				
3.	Shipping container/cooler received in good condition?	•			damaged leaking other						
	. Custody seals present on shipping container?	1 X	ŏ	M							
	Custody seals intact on shipping container?	$\vdash \times$	8	ŏ							
	. Temperature blanks present?	18	ŏ	ŏ							
υ.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for	_			Cooling initiated for recently collected sample	os / iso					
7.	temperature recordings.]	•	0	0	present	es / ice					
0	. Chain of Custody (COC) present?	0		0	present						
			K	$+\times$							
	. Chain of Custody signed, dated, and timed when relinquished and received?		\sim	$+$ \times							
	. Sampler name and/or signature on COC?	0	Q	12							
	. Were all samples received within holding time?	<u> </u>	Q	12							
2.	. TAT marked on the COC?	\odot	\cup	\cup	If no TAT indicated, proceeded with standard	TAT per Terms & Conditions.					
3.	Cooler 1 Temperature 1.3 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C	Cooler 4 Temperature	°C				
4.	Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 7 Temperature °C	Cooler 8 Temperature	°C				
	. Comments:										
					L certify the	at I have completed sections 1-15	(dated initials)	CP 6/07/2022			
					·	at i nave completed sections 1-15					
		Yes	No	N/A	Details		Comments				
	. Were sample containers intact upon receipt?	\odot	Q	Q							
	. Custody seals present on sample containers?	O	0	Q							
8.	. Custody seals intact on sample containers?	0	0	0							
9.	. Do sample container labels match the COC?	•	0	0	incomplete info illegible no label other						
0.	. Are analyses requested indicated on the COC?	0	O	0							
1.	. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received						
2	. Was the sample collection date/time noted?	0			samples listed on COC not received						
	Did we receive sufficient sample volume for indicated analyses?	8	8	$\vdash \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$							
	. Were samples received in appropriate containers?	8	8	$+\times$							
		18	-	18							
	. Were VOA samples received without headspace (< 1/4" bubble)?	$+\times$	12	9							
6.	. Were trip blanks submitted?		\cup	\odot	listed on COC not listed on COC						
7.	. Comments:										
	This section only applies to samples where pH can be				I certify tha	at I have completed sections 16-2	7 (dated initials).	CD 06/07/22			
	checked at Sample Receipt.	Yes	No	N/A	Details		Comments				
R	Have containers needing chemical preservation been checked? *			0]		20				
	Containers meet preservation guidelines?	$\vdash \times$	$\vdash {\succ}$	8							
		$+ \times$	$\vdash X$	- ×		+					
	. Was pH adjusted at Sample Receipt?			\odot							
	* Note: Certain analyses require chemical preservation but must be checked in the		•	•	بمالة بالكائف مما	Dil & Grease/TPH. at I have completed sections 28-30	O (dated initials).	CD 06/07/22V			

Locked

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2206789

Dates Report

Date: 10-Jun-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2206789-001A	NC-1	6/7/2022 12:20:00PM	Surface Water	er FECAL COLIFORM-MF			06/07/2022
2206789-002A	MC	6/7/2022 12:45:00PM	Surface Water	er FECAL COLIFORM-MF			06/07/2022
2206789-003A	NC-2	6/7/2022 1:10:00PM	Surface Water	er FECAL COLIFORM-MF			06/07/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

10-Jun-22

Project Name: Dunwoody **Workorder:** 2206789

BatchID: R487976

Sample ID: MB-R487976 SampleType: MBLK	Client ID: TestCode: Fecal Colife	orm (MF) SM9222D		Units: Colonies/10 BatchID: R487976	00ml Prep Date: Analysis Date: 06/07/2022	Run No: 487976 Seq No: 11353005
Analyte	Result R	PT Limit SPK value	SPK Ref Val	%REC Low Limit H	ligh Limit RPD Ref Val %RPI	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1				
Sample ID: MB-R487976-2	Client ID:			Units: Colonies/10	00ml Prep Date:	Run No: 487976
SampleType: MBLK	TestCode: Fecal Colife	orm (MF) SM9222D		BatchID: R487976	Analysis Date: 06/07/2022	Seq No: 11358853
Analyte	Result R	PT Limit SPK value	SPK Ref Val	%REC Low Limit H	ligh Limit RPD Ref Val %RPI	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1				
Sample ID: MB-R487976-3	Client ID:			Units: Colonies/10	00ml Prep Date:	Run No: 487976
SampleType: MBLK	TestCode: Fecal Colife	orm (MF) SM9222D		BatchID: R487976	Analysis Date: 06/07/2022	Seq No: 11358861
Analyte	Result R	PT Limit SPK value	SPK Ref Val	%REC Low Limit H	igh Limit RPD Ref Val %RPI	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1				

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



June 16, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow:

Order No:

2206F32

Analytical Environmental Services, Inc. received

3 samples on

6/13/2022 3:39:00 PM

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

2206F32 Work Order: Page of

COMPANY:	ADDRESS:												T
110-								AN	NALYSIS RE	QUESTED		Visit our website	
						2						www.aesatlanta.com for	
PHONE: 270-458-7943 SAMPLED BY: Dayson Sut 121	EMAIL:					- <u>Sa</u>						downloadable COCs and to log in to your AESAccess	S
SAMPLED BY: Transaction Catter	SIGNATURE:	Jaysan	Q	10		9						account.	Number of Container
08 9301 31C		APLED:	Couc			ES S							er of (
# SAMPLE ID			GRAB	COMPOSITE	MATRIX (see codes)	(42)		PRES	SERVATION	(see codes)			Numb
	DATE ,	TIME	6	COM	(see	SO						REMARKS	
1 NCI	6/13	2:35	6		SW	X						0=Na2S2 03	1
2 (V)C	1												1
3 NCL	V	3:10	1		7	U							1
5							+	\perp					
6						-	-	+					
7						+	++	++	_				
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13													
14 DATE/TIME:													
	RECEIVED BY:	/ /	1	DATE/1		PROJECT N	IAMF:		JECT INFOR			RECEIPT	
Jayson Sutten/9/13/22 3:39	1.	4 6/13	3/20	3:39	9p			Dun	MOC	les		Total # of Containers	3
2.	2.					PROJECT #		E.	4110			Turnaround Time (TAT) Request in Busine	ess Days
	V					SITE ADDR	ESS:					Standard 4-Day Rush*	- 11
5.	3.					SEND REPO	ORT TO:	6-00	10	1.1 =	.10	3-Day Rush* 2-Day Rush* Next Day Rush* Other	
SPECIAL INSTRUCTIONS/COMMENTS:	OUT.	SHIPMENT								hbiza	NVI	Same-Day Rush*(auth req.)	
	OUT: /	/	VIA:			INVOICE TO	J (IF DIFFE	RENT FROM	M ABOVE):			*Surcharges apply for Rush TAT	
	Client	FedEx UPS		couri	ier							REGULATORY PROGRAM (if any):	
submission of samples to the laboratory constitutes acceptance of AES's		other:				QUOTE #:				PO#:		DATA PACKAGE: 1 O 11 O 111 O 1V O	

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 NaOH = SH O = Other (specify) NA = None

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

3.18.21 COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name: Dunwoody Collection Date: 6/13/2022 2:35:00 PM

Lab ID:2206F32-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		370		10	10	Colonies/100	R488600	10	06/13/2022 16:18	AA

Date:

16-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 6/13/2022 2:45:00 PM

Lab ID: 2206F32-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		310		10	10	Colonies/100 ml	R488600	10	06/13/2022 16:18	AA

Date:

16-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 6/13/2022 3:10:00 PM

Lab ID:2206F32-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		410		10	10	Colonies/100	R488600	10	06/13/2022 16:18	AA

Date:

NC2

16-Jun-22

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

F Analyzed in the lab which is a deviation from the method

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

lear	Save as	
· • • • • • • • • • • • • • • • • • • •		

1. Client Name: Vanasse Hangen Brustlin, Inc			AES Work Order Number: 2206F32							
2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other _			_							
	Yes	No	N/A	Details	Comments					
3. Shipping container/cooler received in good condition?	0		0	damaged leaking other						
4. Custody seals present on shipping container?	O	0								
5. Custody seals intact on shipping container?	Ō	O	10							
6. Temperature blanks present?	0	Õ	O							
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for	0	Ö	0	Cooling initiated for recently collected samples,	/ ice					
temperature recordings.]				present						
8. Chain of Custody (COC) present?	0	0	0							
9. Chain of Custody signed, dated, and timed when relinquished and received?	? 💿									
0. Sampler name and/or signature on COC?	0									
Were all samples received within holding time?	0									
2. TAT marked on the COC?	0	0	0	If no TAT indicated, proceeded with standard TA	T per Terms & Conditions.					
3. Cooler 1 Temperature 3.9 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C	Cooler 4 Temperature°C					
4. Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 7 Temperature °C	Cooler 8 Temperature °C					
4. Cooler o reimperature			Ü	cooler, remperature	cooler o remperature					
5. Comments:										
				L cartify that I	have completed sections 1-15 (dated initials).	MJ 6/13/22				
				·						
-	Yes	No	N/A	Details	Comments					
6. Were sample containers intact upon receipt?	9	I Q	I Q							
7. Custody seals present on sample containers?	+Q	0	Q							
3. Custody seals intact on sample containers?	\circ	O	0							
9. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other						
O. Are analyses requested indicated on the COC?	0	0	0							
Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received						
2. Was the sample collection date/time noted?	0			Samples listed on GGG flot received						
3. Did we receive sufficient sample volume for indicated analyses?	18	18	18							
1. Were samples received in appropriate containers?	18	l ਨ	18							
5. Were VOA samples received without headspace (< 1/4" bubble)?	18	18	lŏ							
5. Were trip blanks submitted?	18	18	10	listed on COC not listed on COC						
7. Comments:				instead on each	L					
. Comments.										
This section only applies to samples where pH can be				I certify that I	have completed sections 16-27 (dated initials).	AC 6/13/22				
checked at Sample Receipt.	Yes	No	N/A	Details	Comments					
8. Have containers needing chemical preservation been checked? *	TO	IO	10							
9. Containers meet preservation guidelines?	18	lδ	10							
D. Was pH adjusted at Sample Receipt?	18	۱ŏ	10							
* Note: Certain analyses require chemical preservation but must be checked in the	he labora	itory and		n Sample Receipt such as Coliforms, VOCs and Oil	R Grease/TPH					
Note. Certain analyses require chemical preservation but must be checked in the	ie iabora	itory and	not upoi		k Grease/TPH. have completed sections 28-30 (dated initials)	AC 6/13/22				

Locked

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

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2206F32

Dates Report

Date: 17-Jun-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2206F32-001A	NC1	6/13/2022 2:35:00PM	Surface Water	er FECAL COLIFORM-MF			06/13/2022
2206F32-002A	MC	6/13/2022 2:45:00PM	Surface Water	er FECAL COLIFORM-MF			06/13/2022
2206F32-003A	NC2	6/13/2022 3:10:00PM	Surface Water	er FECAL COLIFORM-MF			06/13/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

16-Jun-22

Project Name: Dunwoody **Workorder:** 2206F32

BatchID: R488600

Sample ID: MB-R488600 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D		Units: Colonies/100ml Prep Date: Run No: 488600 BatchID: R488600 Analysis Date: 06/13/2022 Seq No: 11372957
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	1			
Sample ID: MB-R488600-2	Client ID:				Units: Colonies/100ml Prep Date: Run No: 488600
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R488600 Analysis Date: 06/13/2022 Seq No: 11372967
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	1			
Sample ID: MB-R488600-3	Client ID:				Units: Colonies/100ml Prep Date: Run No: 488600
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R488600 Analysis Date: 06/13/2022 Seq No: 11372978
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	1			

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



August 15, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No:

2208B89

Analytical Environmental Services, Inc. received

3 samples on 8/10/2022 1:35:00 PM

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

Work Order: <u>2208</u> 389
Page ___ of ___

CHAIN OF CUSTODY

3772 Pleasantdale Rd. Ste 150 Atlanta 30340 ANALYSIS REQUESTED COMPANY: coliforn Visit our website VHB www.aesatlanta.com for downloadable COCs and to Number of Containers log in to your AESAccess PHONE: account. Fecal Sarah Murray MATRIX see codes) PRESERVATION (see codes) REMARKS SAMPLE ID DATE TIME 0=Na2S202 SW 4 6 8 9 10 11 12 13 14 RECEIPT PROJECT INFORMATION DATE/TIME: RECEIVED BY: 810.22 RELINQUISHED BY: PROJECT NAME: Total # of Containers Dunwoody Sand Mmay 8/10/22 1335 Turnaround Time (TAT) Request in Business Days PROJECT #: Standard 4-Day Rush* SITE ADDRESS 2-Day Rush* CCV 3-Day Rush* SEND REPORT TO: Next Day Rush* Other_ ccrevevevHB.com Same-Day Rush*(auth req.) SHIPMENT METHOD SPECIAL INSTRUCTIONS/COMMENTS: *Surcharges apply for Rush TAT INVOICE TO (IF DIFFERENT FROM ABOVE REGULATORY PROGRAM (if any): UPS DATA PACKAGE: 1 O 11 O 111 O 1V O QUOTE #: Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made. 3.18.21_COC

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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 NaOH = SH O = Other (specify) NA = None

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-1

Project Name: Dunwoody Collection Date: 8/10/2022 9:10:00 AM

Lab ID:2208B89-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		2000		100	100	Colonies/100	R493632	100	08/10/2022 15:17	TG

Date:

15-Aug-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 8/10/2022 10:00:00 AM

Lab ID:2208B89-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1600		100	100	Colonies/100	R493632	100	08/10/2022 15:17	TG

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

F Analyzed in the lab which is a deviation from the method

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

D 4

Date:

NC-2

15-Aug-22

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 8/10/2022 9:40:00 AM

Lab ID:2208B89-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		800		100	100	Colonies/100	R493632	100	08/10/2022 15:17	TG

Date:

15-Aug-22

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

F Analyzed in the lab which is a deviation from the method

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 9



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Number	2208B89	
2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other						
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?	0		0	damaged leaking other		
4. Custody seals present on shipping container?	Ŏ	Õ	Ŏ			
5. Custody seals intact on shipping container?	Õ	Ö	0			
6. Temperature blanks present?	Ŏ	0	Ŏ			
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for				Cooling initiated for recently collected samples / ice		
7. temperature recordings.]	•	0	0	present		
8. Chain of Custody (COC) present?	0	0	0			
9. Chain of Custody signed, dated, and timed when relinquished and received?	Ō	Ŏ	Ŏ			
0. Sampler name and/or signature on COC?	0	Ö	Ö			
1. Were all samples received within holding time?	0	Ŏ	Ŏ			
12. TAT marked on the COC?	Ō	Ŏ	Ŏ	If no TAT indicated, proceeded with standard TAT per Te	rms & Conditions.	
13. Cooler 1 Temperature 3.5 °C Cooler 2 Temperature			00	Goden 3 Townson town	0.0	
			°C	·	r 4 Temperature °C	
4. Cooler 5 Temperature OC Cooler 6 Temperature			,C	Cooler 7 Temperature OC Coole	r 8 Temperature °C	
.5. Comments:						
				I certify that I have co	mpleted sections 1-15 (dated initials).	CP 8/10/2022
				•		
C Warrange and in the day of the	Yes	No	N/A	Details T	Comments	
L6. Were sample containers intact upon receipt?	9	12	2			
17. Custody seals present on sample containers?	2	<u> </u>	<u>V</u>			
8. Custody seals intact on sample containers?	0	0	0			
19. Do sample container labels match the COC?	\odot	0	О	incomplete info illegible info label other		
20. Are analyses requested indicated on the COC?	0	0		no label otner		
		_		samples received but not listed on COC		
21. Were all of the samples listed on the COC received?	0	0	O	samples listed on COC not received		
22. Was the sample collection date/time noted?	0		\cap			
23. Did we receive sufficient sample volume for indicated analyses?	Ŏ	Ö	M			
44. Were samples received in appropriate containers?	Õ	Ö	Ŏ			
25. Were VOA samples received without headspace (< 1/4" bubble)?	Ö	Ŏ	Õ			
26. Were trip blanks submitted?	Ŏ	Ŏ	Ŏ	listed on COC not listed on COC		
27. Comments:						
This section only applies to samples where pH can be				I certify that I have co	mpleted sections 16-27 (dated initials).	CD 08/10/22
checked at Sample Receipt.	Yes	No	N/A	Details	Comments	
28. Have containers needing chemical preservation been checked? *	0	О	0			
9. Containers meet preservation guidelines?	Ō	0	Ō			
0. Was pH adjusted at Sample Receipt?	Ō	Ō	Ō			
* Note: Certain analyses require chemical preservation but must be checked in th	e labora	tory and	not upor	n Sample Receipt such as Coliforms, VOCs and Oil & Grease	/TPH.	
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified by		-	-	and the second s	mpleted sections 28-30 (dated initials).	CD 08/10/22

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2208B89

Dates Report

Date: 16-Aug-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208B89-001A	NC-1	8/10/2022 9:10:00AM	Surface Water	er FECAL COLIFORM-MF			08/10/2022
2208B89-002A	NC-2	8/10/2022 10:00:00AM	Surface Water	er FECAL COLIFORM-MF			08/10/2022
2208B89-003A	MC	8/10/2022 9:40:00AM	Surface Water	er FECAL COLIFORM-MF			08/10/2022

Vanasse Hangen Brustlin, Inc **Client:**

ANALYTICAL QC SUMMARY REPORT

Date:

15-Aug-22

Project Name: Dunwoody Workorder: 2208B89

BatchID: R493632

Sample ID: MB-R493632 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D		Units: Colonies/100ml Prep Date: Run No: 493632 BatchID: R493632 Analysis Date: 08/10/2022 Seq No: 11522024
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	1			
Sample ID: MB-R493632-2	Client ID:				Units: Colonies/100ml Prep Date: Run No: 493632
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R493632 Analysis Date: 08/10/2022 Seq No: 11522033
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	1			
Sample ID: MB-R493632-3	Client ID:				Units: Colonies/100ml Prep Date: Run No: 493632
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R493632 Analysis Date: 08/10/2022 Seq No: 11522041
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	1			

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

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



August 25, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow:

Order No:

2208M31

Analytical Environmental Services, Inc. received

3 samples on

August 22, 2022 3:06 pm

for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: 3208m31 Page ____ of ____

VAB	ADDRESS:				ANALYSIS RE	QUESTED	Visit our website	
770-458-7943	EMAIL:			6 Fm			www.aesatlanta.com for downloadable COCs and to log in to your AESAccess	ainers
AMPLED BY: Tayson Sutten	SIGNATURE: Joyge	n Sutto					account.	Number of Containers
9	SAMPLED:	1 100	es) ×	Ra				ımpeı
# SAMPLE ID	DATE TIME	GRAB	MATRIX (see codes)	80	PRESERVATION	(see codes)	REMARKS	N N
1 NC-7	8/22 2:00	4	SW	1			0=Na25203	1
2 MC 3 NC-2	1 2115		1					(
3 NC-2	1 2,45	5 1	W.	TV I				1
4		4						
5								
6			-					
7								
8								
9								
10			-					
11								
12								
13 14								
ELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/	IMF:		PROJECT INFO	RMATION	RECEIPT	
Jayson Sutten [8/22/22/3:06				PROJECT NAME:	Danw		Total # of Containers	3
	2			PROJECT #:	6411	٥	Turnaround Time (TAT) Request in Busine	ss Days
	2.			SITE ADDRESS:			Standard 4-Day Rush*	- 11
us.	3.			SEND REPORT TO:	00.00	1.1	3-Day Rush* 2-Day Rush*	§
PECIAL INSTRUCTIONS/COMMENTS:	SHIPM	ENT METHOD			CCKEN	works.com	Next Day Rush* Other Same-Day Rush*(auth req.)	
	OUT: / / VIA:			INVOICE TO (IF DIFF	ERENT FROM ABOVE):		*Surcharges apply for Rush TAT	i
	IN: / / Client FedEx UF	VIA: PS US mail cour	ier				REGULATORY PROGRAM (if any):	
	other:_			QUOTE #:		PO#:	DATA PACKAGE: 1 O 11 O 111 O 1V O	
ubmission of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is m	Terms & Conditions. Client ass narked on COC, AES will procee	sumes sole responsibilied with standard TAT. S	ty for damage amples are di	e or loss of samples be sposed of 30 days aft	efore we accept them. er completion of repor	Samples received after 3PM or or rt unless other arrangements are r	n Saturday are considered as received the fo made.	llowing
					0		2.10.21.6	

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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 NaOH = SH

3.18.21_COC

White Copy - Original; Yellow Copy - Client

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-1

Project Name: Dunwoody Collection Date: 8/22/2022 2:00:00 PM

Lab ID:2208M31-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		2800		100	100	Colonies/100	R494437	100	08/22/2022 15:53	AA

Date:

25-Aug-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 8/22/2022 2:15:00 PM

Lab ID:2208M31-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportir Limit	units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		900		100	100	Colonies/100 ml	R494437	100	08/22/2022 15:53	AA

Date:

25-Aug-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 8/22/2022 2:45:00 PM

Lab ID:2208M31-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		11000		1000	1000	Colonies/100	R494437	1000	08/22/2022 15:53	AA

Date:

NC-2

25-Aug-22

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

F Analyzed in the lab which is a deviation from the method

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 9



SAMPLE/COOLER RECEIPT CHECKLIST

ear Sa	ıve	as
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Client Name: Vanasse Hangen Brustlin, Inc			AES Work Order Number: 2208M31							
Carrier: FedEx UPS USPS Client Courier Other										
	Yes	No	N/A	Details	Comments					
Shipping container/cooler received in good condition?	0	0	0	damaged leaking other						
Custody seals present on shipping container?	0	0	О							
Custody seals intact on shipping container?	Ō	Ö	0							
Temperature blanks present?	0	0	0							
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for	0	Ō	O	Cooling initiated for recently collected samples / ice						
temperature recordings.]				present						
Chain of Custody (COC) present?	0	0	0							
Chain of Custody signed, dated, and timed when relinquished and received?	0	0	0							
Sampler name and/or signature on COC?	0		О							
Were all samples received within holding time?	0	0	Ō							
TAT marked on the COC?	Ō	Ō	Ő	If no TAT indicated, proceeded with standard TAT per T	erms & Conditions.					
Cooler 1 Temperature 2.8 °C Cooler 2 Temperature Cooler 5 Temperature °C Cooler 6 Temperature			c C	·	er 4 Temperature°C er 8 Temperature°C					
Comments:				I certify that I have co	ompleted sections 1-15 (dated initials). MJ 8/22/2					
	Yes	No	N/A	Details	Comments					
Were sample containers intact upon receipt?	\odot	O	Q							
Custody seals present on sample containers?	\Box	0	O							
Custody seals intact on sample containers?	0	0	0							
Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other						
Are analyses requested indicated on the COC?	0		О							
Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC						
	1			samples listed on COC not received						
Was the sample collection date/time noted?	0	0	Ō	samples listed on COC not received						
· · · · · · · · · · · · · · · · · · ·	0			samples listed on COC not received						
Did we receive sufficient sample volume for indicated analyses?	\sim	Q		samples listed on COC not received						
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers?	Ō	8		samples listed on COC not received						
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)?	Ō	8	8	samples listed on COC not received listed on COC not listed on COC						
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)? Were trip blanks submitted?	Ō	8	8							
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)? Were trip blanks submitted? Comments: This section only applies to samples where pH can be	000	0	0 0	listed on COC not listed on COC	ompleted sections 16-27 (dated initials). Comments					
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)? Were trip blanks submitted? Comments: This section only applies to samples where pH can be checked at Sample Receipt.	Ō	8	0 0 0 0	listed on COC not listed on COC	ompleted sections 16-27 (dated initials). CD 08/22.					
Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)? Were trip blanks submitted? Comments: This section only applies to samples where pH can be checked at Sample Receipt. Have containers needing chemical preservation been checked? *	000	0 0 0 0	O O O O O N/A	listed on COC not listed on COC						
Was the sample collection date/time noted? Did we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers? Were VOA samples received without headspace (< 1/4" bubble)? Were trip blanks submitted? Comments: This section only applies to samples where pH can be checked at Sample Receipt. Have containers needing chemical preservation been checked? * Containers meet preservation guidelines? Was pH adjusted at Sample Receipt?	000	0	0 0 0 0	listed on COC not listed on COC						

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

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

CD 08/22/22

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2208M31

Dates Report

Date: 30-Aug-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208M31-001A	NC-1	8/22/2022 2:00:00PM	Surface Water	er FECAL COLIFORM-MF			08/22/2022
2208M31-002A	MC	8/22/2022 2:15:00PM	Surface Water	er FECAL COLIFORM-MF			08/22/2022
2208M31-003A	NC-2	8/22/2022 2:45:00PM	Surface Water	er FECAL COLIFORM-MF			08/22/2022

Project Name:

Fecal Coliform, (MF)

Workorder:

Vanasse Hangen Brustlin, Inc **Client:** Dunwoody

2208M31

ANALYTICAL QC SUMMARY REPORT

Date:

25-Aug-22

BatchID: R494437

Sample ID: MB-R494437	Client ID:		Units: Colonies/100ml Prep Date:	Run No: 494437
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R494437 Analysis Date: 08/22/2022	Seq No: 11543904
Analyte	Result RPT Limi	t SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL 1			
Sample ID: MB-R494437-2	Client ID:		Units: Colonies/100ml Prep Date:	Run No: 494437
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R494437 Analysis Date: 08/22/2022	Seq No: 11543914
Analyte	Result RPT Limi	t SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPI	O RPD Limit Qual
Fecal Coliform, (MF)	BRL 1			
Sample ID: MB-R494437-3	Client ID:		Units: Colonies/100ml Prep Date:	Run No: 494437
SampleType: MBLK	TestCode: Fecal Coliform (MF)	SM9222D	BatchID: R494437 Analysis Date: 08/22/2022	Seq No: 11543919
Analyte	Result RPT Limi	t SPK value SPK Ref Val	%REC Low Limit High Limit RPD Ref Val %RPI	O RPD Limit Qual

Qualifiers: Greater than Result value

> BRL Below reporting limit

Rpt Lim Reporting Limit

Estimated value detected below Reporting Limit

BRL

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

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



September 06, 2022

Chris Crow Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2208Y63

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

August 31, 2022 2:50 pm

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within

EPA and/or AES established limits. AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Vork Order:	2208463	3
Page	of _	

COMPANY:	ADDRESS:					T		Λ	NIAI VCIC D	EQUESTED				Т
PHONE: 770-458-7943 SAMPLED BY: Jayson Suthan						MON			INALTSIS N	LQUESTED			Visit our website www.aesatlanta.com for	
PHONE: 770-458-7943	EMAIL:					9							downloadable COCs and to log in to your AESAccess	
SAMPLED BY: Jaylson Sutter	SIGNATURE	aggen	Su	He	1	Pea (account.	Number of Containers
		MPLED:				5		7						umber
# SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	10	T	PRI	ESERVATIO	N (see codes)	Т		REMARKS	Z
1 NCZ 2 MC 3 NC2	8/31	1:45	G	THE RESERVE TO SERVE	SW	X							0=Na25203	T
2 MC		2:00												1
	1	2:30		-	1	V	\perp		-					1
4	-			-		-	-							
6				-		+	++	_		-				-
7	-			-		+	++			++				-
8						++	+	-		+				-
9	_			-			++	_		++			*.	-
10						++	++							-
11						++	++							-
12						\vdash	+			+				_
13												-		
14														
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:			DATE/				PR	OJECT INFO	DRMATION			RECEIPT	
Jayson Sutton/8/3/22/ 2:50	1. LEILA	DYE ?	8.31	22	14:50	PROJECT	NAME:	D	unw	oody			Total # of Containers	3
2.	2.					PROJECT			641	10'			Turnaround Time (TAT) Request in Busine	ess Days
	-					SITE ADD	RESS:						Standard 4-Day Rush	
i.	3.					SEND RE	PORT TO:	((0)	7	- 1-	١		3-Day Rush* 2-Day Rush* Next Day Rush* Other	
PECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT	METHO)			(LK	tny	BUN	b. com	7	Same-Day Rush*(auth req.)	
	OUT: /	/	VIA:			INVOICE	TO (IF DIFF	FERENT FRO	OM ABOVE)	:			*Surcharges apply for Rush TAT	T
	Clien	/ FedEx UPS	VIA: US mai	il cour	ier								REGULATORY PROGRAM (if any):	
		other:				QUOTE	#:			PO#:_			DATA PACKAGE: I O II O III O IV O)
Submission of samples to the laboratory constitutes acceptance of AES business day. If no TAT is	s Terms & Conditi	ons. Client assum ES will proceed w	es sole re	sponsibili ard TAT. S	ty for damag	e or loss of isposed of	samples b	efore we a	ccept them	. Samples rec	eived after 3PI er arrangemen	M or on Sat	curday are considered as received the fo	ollowing

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name: Dunwoody Collection Date: 8/31/2022 1:45:00 PM

Lab ID:2208Y63-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		2100		100	100	Colonies/100	R495490	100	08/31/2022 15:52	AA

Date:

6-Sep-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name: Dunwoody Collection Date: 8/31/2022 2:00:00 PM

Lab ID: 2208Y63-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1000		100	100	Colonies/100	R495490	100	08/31/2022 15:52	AA

Date:

6-Sep-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 8/31/2022 2:30:00 PM

Lab ID: 2208Y63-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1200		100	100	Colonies/100	R495490	100	08/31/2022 15:52	AA

Date:

NC2

6-Sep-22

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

F Analyzed in the lab which is a deviation from the method

E Estimated value above quantitation range

S Spike Recovery outside limits due to matrix

J Estimated value detected below Reporting Limit

> Greater than Result value < Less than Result value



SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Number	·: 2208Y63	
2. Carrier: FedEx UPS USPS Client Courier Other						
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?	0		О	damaged leaking other		
4. Custody seals present on shipping container?	Ŏ	Ō	Ŏ			
5. Custody seals intact on shipping container?	Ö		0			
6. Temperature blanks present?	O	Ŏ	Ŏ			
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present		
8. Chain of Custody (COC) present?	0	0	0			
9. Chain of Custody signed, dated, and timed when relinquished and received?		Ö	Ŏ			
.0. Sampler name and/or signature on COC?	Ŏ	18	M			
1. Were all samples received within holding time?	Ŏ	18	M			
2. TAT marked on the COC?	6	18	l \aleph	If no TAT indicated, proceeded with standard TAT per Te	erms & Conditions.	
3. Cooler 1 Temperature 2.3 °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	r 4 Temperature°C	
.4. Cooler 5 Temperature °C Cooler 6 Temperature		(°C	Cooler 7 Temperature OC Coole	r 8 Temperature °C	
·" — · — — · — — · — —				·	·	
5. Comments:						
				I certify that I have co	mpleted sections 1-15 (dated initials).	HM 8/31/22
				•		-
	Yes	No	N/A	Details T	Comments	
L6. Were sample containers intact upon receipt?	Θ	$+ \times$	18			
17. Custody seals present on sample containers?	12	$+ \circ$	10			
18. Custody seals intact on sample containers?	O	O	0			
19. Do sample container labels match the COC?	0	0	0	incomplete info illegible no label other		
20. Are analyses requested indicated on the COC?	0					
21. Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received		
22. Was the sample collection date/time noted?	0	0	\circ			
3. Did we receive sufficient sample volume for indicated analyses?	Õ	Ŏ	M			
4. Were samples received in appropriate containers?	Õ	ĺδ	M			
5. Were VOA samples received without headspace (< 1/4" bubble)?	O	lõ	Ŏ			
26. Were trip blanks submitted?	Ŏ	Ö	Ŏ	listed on COC not listed on COC		
27. Comments:						
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that l have co Details	mpleted sections 16-27 (dated initials). Comments	HM 8/31/22
18. Have containers needing chemical preservation been checked? *			10	Details	Comments	
19. Containers meet preservation guidelines?	$\vdash \times$	18	8			
80. Was pH adjusted at Sample Receipt?	$\vdash \times$	$+\times$	8			
	$\overline{}$	1			<u></u>	
* Note: Certain analyses require chemical preservation but must be checked in the		•	•		e/TPH. mpleted sections 28-30 (dated initials).	HM 8/31/22

Locked

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2208Y63

Dates Report

Date: 8-Sep-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2208Y63-001A	NC1	8/31/2022 1:45:00PM	Surface Water	er FECAL COLIFORM-MF			08/31/2022
2208Y63-002A	MC	8/31/2022 2:00:00PM	Surface Water	er FECAL COLIFORM-MF			08/31/2022
2208Y63-003A	NC2	8/31/2022 2:30:00PM	Surface Water	er FECAL COLIFORM-MF			08/31/2022

Workorder:

Vanasse Hangen Brustlin, Inc **Client:**

ANALYTICAL QC SUMMARY REPORT

Date:

6-Sep-22

Project Name: Dunwoody BatchID: R495490 2208Y63

Sample ID: MB-R495490 SampleType: MBLK	Client ID: TestCode:	Fecal Coliform (MF)	SM9222D		Units: Colonies/100ml Prep Date: Run No: 495490 BatchID: R495490 Analysis Date: 08/31/2022 Seq No: 11573424
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	1			
Sample ID: MB-R495490-2	Client ID:	Food Coliform (ME)	SM9222D		Units: Colonies/100ml Prep Date: Run No: 495490
SampleType: MBLK	restCode:	Fecal Coliform (MF)	SN19222D		BatchID: R495490 Analysis Date: 08/31/2022 Seq No: 11573435
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	1			
Sample ID: MB-R495490-3	Client ID:				Units: Colonies/100ml Prep Date: Run No: 495490
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID: R495490 Analysis Date: 08/31/2022 Seq No: 11573444
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	1			

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

Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



September 09, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow:

Order No:

2209438

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

9/6/2022 2:26:00 PM

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within

EPA and/or AES established limits. AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Nork Order:	2009	43	8
Page	of		

COMPANY:	ADDRESS:					ANALYSIS RE	DUESTED			
VHB				Maji					Visit our website www.aesatlanta.com for downloadable COCs and to	
PHONE: 770-454-7943	EMAIL:			9					log in to your AESAccess account.	itainers
SAMPLED BY: Jayson Sutton	SIGNATURE: Jeys SAMPLED: DATE TIME	ensutte	1	Feral					account.	Number of Container
9	SAMPLED:	B B SITE	des)	12						nmbe
# SAMPLE ID	DATE TIME	GRA	(see codes)			PRESERVATION	(see codes)		REMARKS	Z
110.1	06 1.28	Annual Company of the Party of		2/0					10 M & 0	
1 //C-L	9/6 1:30	6 5	SW	×	\vdash				0=Na25203	1
3 //(-7	2:10			0.	+++					
4	2010	0								•
5										
6										
7										
8										
9										
10										
11										
12				_						
13				_				-		
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/TIM	ΛΕ:			PROJECT INFO	RMATION		RECEIPT	
Jayson Sutton 196/22 /2:26	1. Alde	9/6/2 2	1:260	PROJECT N	D	90W001	1			3
2.	2.			PROJECT #	THE RESERVE AND ADDRESS OF THE PARTY OF THE	24110	/		Turnaround Time (TAT) Request in Busine Standard 4-Day Rush*	
3.	3.			SEND REP	ORT TO:				3-Day Rush* 2-Day Rush* Next Day Rush* Other	
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPMENT	METHOD				RENVE	Didny @	om	Same-Day Rush*(auth req.)	
OUT: / VIA:				INVOICE T	O (IF DIFFEREN	T FROM ABOVE):			*Surcharges apply for Rush TAT	
	Client FedEx UPS	VIA: US mail courier							REGULATORY PROGRAM (if any):	
	other:			QUOTE #			PO#:	THE STREET WAS ASSESSED.	DATA PACKAGE: I O II O III O IVO	
Submission of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is m	Terms & Conditions. Client assum narked on COC, AES will proceed w									llowing

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

3.18.21 COC

Client:Vanasse Hangen Brustlin, IncClient Sample ID:NC-1Project Name:DunwoodyCollection Date:9/6/2022 1:30:00 PMLab ID:2209438-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		5600		100	100	Colonies/100	R495609	100	09/06/2022 16:17	TN

Date:

9-Sep-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc **Client Sample ID:** MC

Project Name: Dunwoody **Collection Date:** 9/6/2022 1:40:00 PM 2209438-002 Lab ID: Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		1600		100	100	Colonies/100	R495609	100	09/06/2022 16:17	TN

Date:

9-Sep-22

Qualifiers:

Value exceeds maximum contaminant level

BRL Not detected at MDL

Н Holding times for preparation or analysis exceeded

Analyte not NELAC certified

Analyte detected in the associated method blank

Analyzed in the lab which is a deviation from the method

Estimated value above quantitation range

Spike Recovery outside limits due to matrix

Estimated value detected below Reporting Limit

Greater than Result value Less than Result value

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC-2

Project Name:DunwoodyCollection Date:9/6/2022 2:10:00 PMLab ID:2209438-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Fecal Coliform (MF)	SM9222D									
Fecal Coliform, (MF)		3000		100	100	Colonies/100	R495609	100	09/06/2022 16:17	TN

Date:

9-Sep-22

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

F Analyzed in the lab which is a deviation from the method

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

Vanasse Hangen Brustlin, Inc		AES Work Order Numbe	AES Work Order Number: 2209438				
Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ■ Courier ☐ Other _							
	Yes	No	N/A	Details	Comments		
nipping container/cooler received in good condition?	0	0	О	damaged leaking other			
ustody seals present on shipping container?	0	0					
ustody seals intact on shipping container?	O	O	0				
emperature blanks present?	0	Ō	O				
ooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for	0	0	0	Cooling initiated for recently collected samples / ice			
emperature recordings.])		present 🗔			
Chain of Custody (COC) present?	0	Q					
Chain of Custody signed, dated, and timed when relinquished and received	? 💽	O					
ampler name and/or signature on COC?	\odot	0					
Were all samples received within holding time?	0	0					
TAT marked on the COC?		0		If no TAT indicated, proceeded with standard TAT per T	erms & Conditions.		
Cooler 1 Temperature ^{2.8} °C Cooler 2 Temperature			°C	Cooler 3 Temperature °C Coole	er 4 Temperature °C		
Cooler 5 Temperature °C Cooler 6 Temperature			°C		er 8 Temperature °C		
				C			
domments:							
				I certify that I have co	ompleted sections 1-15 (dated initials).		
	Yes	No	N/A	Details	Comments		
/ere sample containers intact upon receipt?	0	0					
ustody seals present on sample containers?	\circ	0					
ustody seals intact on sample containers?	O	0	0				
	_	_		incomplete info illegible			
Oo sample container labels match the COC?	0	0	0	incomplete info illegible no label other			
Custody seals intact on sample containers? On sample container labels match the COC? Are analyses requested indicated on the COC?	_	_		no label other			
o sample container labels match the COC? re analyses requested indicated on the COC?	© ©	0 0	0	no label other samples received but not listed on COC			
o sample container labels match the COC? re analyses requested indicated on the COC? /ere all of the samples listed on the COC received?	OO	000	0	no label other			
o sample container labels match the COC? The analyses requested indicated on the COC? The all of the samples listed on the COC received? The sample collection date/time noted?	0 0 0	0 0	0	no label other samples received but not listed on COC			
o sample container labels match the COC? re analyses requested indicated on the COC? /ere all of the samples listed on the COC received? /eas the sample collection date/time noted? /ed we receive sufficient sample volume for indicated analyses?	0 0 0 00	000	0	no label other samples received but not listed on COC			
or sample container labels match the COC? Are analyses requested indicated on the COC? Were all of the samples listed on the COC received? Was the sample collection date/time noted? Vid we receive sufficient sample volume for indicated analyses? Were samples received in appropriate containers?	0 0 0	000	0 0 0	no label other samples received but not listed on COC			
o sample container labels match the COC? re analyses requested indicated on the COC? Vere all of the samples listed on the COC received? Vas the sample collection date/time noted? id we receive sufficient sample volume for indicated analyses? Vere samples received in appropriate containers? Vere VOA samples received without headspace (< 1/4" bubble)?	0 0 0 00	000	0 0 0 0 0 0	no label			
re analyses requested indicated on the COC? Ider all of the samples listed on the COC received? Ider all of the samples listed on the COC received? Idea sample collection date/time noted? Idea we receive sufficient sample volume for indicated analyses? Idea samples received in appropriate containers? Idea volume for indicated analyses? Idea volume for indicated analyses?	0 0 0 00	000	0 0 0	no label other samples received but not listed on COC			
o sample container labels match the COC? re analyses requested indicated on the COC? /ere all of the samples listed on the COC received? /as the sample collection date/time noted? id we receive sufficient sample volume for indicated analyses? /ere samples received in appropriate containers? /ere VOA samples received without headspace (< 1/4" bubble)? /ere trip blanks submitted?	0 0 0 00	000	0 0 0 0 0 0	no label			
vere analyses requested indicated on the COC? Vere all of the samples listed on the COC received? Vas the sample collection date/time noted? Vid we receive sufficient sample volume for indicated analyses? Vere samples received in appropriate containers? Vere VOA samples received without headspace (< 1/4" bubble)? Vere trip blanks submitted?	0 0 0 00	000	0 0 0 0 0 0	no label	ompleted sections 16-27 (dated initials).		
o sample container labels match the COC? re analyses requested indicated on the COC? /ere all of the samples listed on the COC received? /as the sample collection date/time noted? id we receive sufficient sample volume for indicated analyses? /ere samples received in appropriate containers? /ere VOA samples received without headspace (< 1/4" bubble)? /ere trip blanks submitted?	0 0 0 00	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	no label	ompleted sections 16-27 (dated initials). Comments		
e analyses requested indicated on the COC? ere all of the samples listed on the COC received? as the sample collection date/time noted? d we receive sufficient sample volume for indicated analyses? ere samples received in appropriate containers? ere VOA samples received without headspace (< 1/4" bubble)? ere trip blanks submitted? mments: his section only applies to samples where pH can be necked at Sample Receipt.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	0 0 0 0 0 0	no label			
re analyses requested indicated on the COC? Yere all of the samples listed on the COC received? Yere all of the samples listed on the COC received? Yere sample collection date/time noted? Yere samples received in appropriate containers? Yere VOA samples received without headspace (< 1/4" bubble)? Yere trip blanks submitted? Yere trip blanks submitted?	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	no label			

Locked

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2209438

Dates Report

Date: 12-Sep-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2209438-001A	NC-1	9/6/2022 1:30:00PM	Surface Water	er FECAL COLIFORM-MF			09/06/2022
2209438-002A	MC	9/6/2022 1:40:00PM	Surface Water	er FECAL COLIFORM-MF			09/06/2022
2209438-003A	NC-2	9/6/2022 2:10:00PM	Surface Water	er FECAL COLIFORM-MF			09/06/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

9-Sep-22

Project Name: Dunwoody **Workorder:** 2209438

BatchID: R495609

Sample ID: MB-R495609	Client ID:				Units:	Colonies/10	00ml Prep Date:		Run No: 495609
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID): R495609	Analysis Date:	09/06/2022	Seq No: 11576800
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit Hi	igh Limit RPD Ref	Val %RP	D RPD Limit Qual
Fecal Coliform, (MF)	BRL	1							
Sample ID: MB-R495609-2	Client ID:				Units:	Colonies/10	00ml Prep Date:		Run No: 495609
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID): R495609	Analysis Date:	09/06/2022	Seq No: 11576811
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit Hi	igh Limit RPD Ref	Val %RP	D RPD Limit Qual
Gecal Coliform, (MF)	BRL	1							
Sample ID: MB-R495609-3	Client ID:				Units:	Colonies/10	00ml Prep Date:		Run No: 495609
SampleType: MBLK	TestCode:	Fecal Coliform (MF)	SM9222D		BatchID): R495609	Analysis Date:	09/06/2022	Seq No: 11576835
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC Lo	ow Limit Hi	igh Limit RPD Ref	Val %RP	D RPD Limit Qual
ecal Coliform, (MF)	BRL	1							

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



November 21, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2211G90

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

November 14, 2022 3:13 pm

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA

AES's accreditations are as follows:

and/or AES established limits.

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23. State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: <u>2211690</u> Page ___ of ___

COMPANY:	ADDRESS:		eta		s				ANAL	YSIS RE	QUESTED)		11	Visit our website	
PHONE: 220 AS TO 200	EMAIL:														www.aesatlanta.com for downloadable COCs and to	
110-458-1943				1	0										log in to your AESAccess	tainer
PHONE: 770-458-7943 SAMPLED BY: Dayson Suffer	SIGNATURE:	Jely	zen S	Sut	501	0									account.	Number of Containers
	SAN	/IPLED:#		I II	T - 39	14				λ.						ıber o
# SAMPLE ID			GRAB	COMPOSITE	MATRIX (see codes)				PRESER	VATION	(see code:	5)		7	<i>x</i>	Num
	DATE	TIME		CO	(see	76						6		*	REMARKS	
1 NCZ	11/14	2:20	6		5W		- 1								0=NarSz03	18
2 MC	1	2:40	1		1	X								,	0-500,002	1
3 NC2	(3,00	V		11/	×						1		435	2	112
4										1.		75			44	
5															W .	
6																
7 .				-									2	7	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
8 .										1						
9	100	10 miles						\Box						4		
10													-			
11										+		+		_		
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14	11		7				_	\vdash		+			-	-		
RELINQUISHED BY: DATE/TIME:	RECEIVED BY:			DATE/					PROJE	CT INFO	RMATION			-	RECEIPT	
1 Dayson Sutten / 11/14/22/3:13	10	07	>		15 22			Pc	ınu	ba	ly	d a			Total # of Containers	3
2.	2.					PROJECT SITE AD			64	110		· **			Turnaround Time (TAT) Request in Busin	ess Days
			<u> </u>			SITE AD	DKESS:								Standard 4-Day Rush	
3.	3.					SEND RI	EPORT TO	·/ ~ W	2 0			1 2	A		3-Day Rush* 2-Day Rush Next Day Rush* Other	*
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT	METHOD)	2		(_ CI	1 EI	1 uc	B uh	D, (_ w	7	Same-Day Rush*(auth req.)	
	OUT: /	/	VIA:			INVOICE	TO UF D	IFFEREN	T FROM A	ABOVE):					*Surcharges apply for Rush TA	T
	IN: Client	/ FedEx UPS	VIA: US mai	l cour	ier										REGULATORY PROGRAM (if any):	
		other:	55	_		QUOTE	#:				PO#:	-			DATA PACKAGE: 1 O 11 O 111 O 1V C	
Submission of samples to the laboratory constitutes acceptance of AES's business day. If no TAT is m	Terms & Condition	ons. Client assum	es sole re	sponsibili	ty for damage	or loss o	f samples	before	we accep	t them. S	Samples re	ceived af	ter 3PM	l or on Sat	turday are considered as received the fo	

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

3.18.21 COC

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 NaOH = SH O = Other (specify) NA = No

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name Dunwoody Collection Date: 11/14/2022 2:20:00 PM

Lab ID:2211G90-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		110		2	2	MPN/100mL	R501668	2	11/14/2022 15:33	AA

Date:

21-Nov-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: MC

Project Name Dunwoody Collection Date: 11/14/2022 2:40:00 PM

Lab ID: 2211G90-002 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		180		2	2	MPN/100mL	R501668	2	11/14/2022 15:33	AA

Date:

21-Nov-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC2

Project Name Dunwoody Collection Date: 11/14/2022 3:00:00 PM

Lab ID:2211G90-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		370		2	2	MPN/100mL	R501668	2	11/14/2022 15:33	AA

Date:

21-Nov-22

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

F Analyzed in the lab which is a deviation from the method

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

Clear	Save as
O.Ou.	

1. Client Name: Vanasse Hangen Brustlin, Inc				AES Work Order Number	2211G90	
2. Carrier: FedEx UPS USPS Client ■ Courier Other						
	Yes	No	N/A	Details	Comments	
3. Shipping container/cooler received in good condition?			\overline{O}	damaged leaking other		
4. Custody seals present on shipping container?	8	0	M			
5. Custody seals intact on shipping container?	18	18	10			
6. Temperature blanks present?	18	<u> </u>	18			
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for			\vdash	Cooling initiated for recently collected samples / ice		
temperature recordings.]	•	O		present		
8. Chain of Custody (COC) present?	0			present		
9. Chain of Custody signed, dated, and timed when relinquished and received?		$\vdash \bowtie$	$+ \times$			
10. Sampler name and/or signature on COC?	8	$\vdash \bowtie$	$+ \times$			
11. Were all samples received within holding time?	8	$\vdash \times$	$+ \times$			
12. TAT marked on the COC?	 8	$+\times$	$+ \times$	If no TAT indicated, proceeded with standard TAT per Te	rms & Conditions	
12. TAI Marked on the coc:				il no l'Al malcatea, proceeded with standard l'Al per l'el	inis & conditions.	
13. Cooler 1 Temperature 3.0 °C Cooler 2 Temperature			°C	Cooler 3 Temperature OC Cooler	r 4 Temperature°C	
14. Cooler 5 Temperature °C Cooler 6 Temperature			°C		°C 8 Temperature	
15. Comments:						
						CD2 11/14/22
				I certify that I have cor	mpleted sections 1-15 (dated initials).	CP2 11/14/22
	Yes	No	N/A	Details	Comments	
16. Were sample containers intact upon receipt?	0		ΙΟ			
17. Custody seals present on sample containers?	\circ	Õ	Ŏ			
18. Custody seals intact on sample containers?	Õ	Ŏ	Õ			
10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ŏ	Õ	incomplete info illegible		
19. Do sample container labels match the COC?	0	0		no label other		
20. Are analyses requested indicated on the COC?	0	O	0			
				samples received but not listed on COC		
21. Were all of the samples listed on the COC received?	0			samples listed on COC not received		
22. Was the sample collection date/time noted?	0	0	0			
23. Did we receive sufficient sample volume for indicated analyses?	0	Ŏ	10			
24. Were samples received in appropriate containers?	Õ	Ŏ	O			
25. Were VOA samples received without headspace (< 1/4" bubble)?	δ	l Õ	10			
26. Were trip blanks submitted?	10	Ŏ	Ŏ	listed on COC not listed on COC		
27. Comments:						
						CD 44 /4 4 /22
This section only applies to samples where pH can be				I certify that I have cor	mpleted sections 16-27 (dated initials).	CD 11/14/22
checked at Sample Receipt.	Yes	No	N/A	Details	Comments	
28. Have containers needing chemical preservation been checked? *			Ó			
29. Containers meet preservation guidelines?	M	lδ	18			
30. Was pH adjusted at Sample Receipt?	1 of	l X	18			
* Note: Cortain analyses require chamical preservation but must be checked in th	o laborat	ton, ond		n Sample Peccint such as Colifornia VOCs and Oil 9 Cresses	/TDLI	

Locked

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

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

CD 11/14/22

Date: 21-Nov-22

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody **Dates Report** 2211G90 Lab Order:

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2211G90-001A	NC1	11/14/2022 2:20:00PM	Surface Water	er Total Coliform,E-coli			11/14/2022
2211G90-002A	MC	11/14/2022 2:40:00PM	Surface Water	er Total Coliform,E-coli			11/14/2022
2211G90-003A	NC2	11/14/2022 3:00:00PM	Surface Water	er Total Coliform,E-coli			11/14/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

21-Nov-22

Project Name Dunwoody
Workorder: 2211G90

BatchID: R501668

 Sample ID:
 MB-R501668
 Client ID:
 Units:
 MPN/100mL
 Prep Date:
 Run No:
 501668

 SampleType:
 MBLK
 TestCode:
 Total Coliform, E-coli
 SM9223B
 BatchID:
 R501668
 Analysis Date:
 11/14/2022
 Seq No:
 11750904

Analyte Result RPT Limit SPK value SPK Ref Val %REC Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual

E.coli BRL 1

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

RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



November 28, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2211P87

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

November 22, 2022 10:45 am

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

Work Order: 221787 Page ___ of ___

CHAIN OF CUSTODY

COMPANY:	¥ .	ADDRESS:				1.			ANALY	SIS REQUES	TED		Visit our website	
	VHB												www.aesatlanta.com for downloadable COCs and to	S
PHONE:	770-458-7943	EMAIL:					-						log in to your AESAccess account.	Number of Containers
SAMPLED BY:	Jayson Sutton	SIGNATURE	ayson	dette	1)		0							oer of Co
		SAN	PLED:	- B	SITE	RIX odes)	177		DDECEDA	ATION (see c	adas)			Num
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	3/0		PRESERV	ATION (see c	odes)		REMARKS	
1	A)CI	11/22	9:35	6		5W	×						0=Na28203	7
2	MC	1	9:55				X			>				1
3	Nel	V	10:20	U			X							1
4													,	
5	7													
6												\perp		
7			1							\perp				
8									+	\perp				
9									\perp					
10														
11								+		-				
12							-			+	+			
13							-	-		-				
14					-	(TID AS	+-		DROJE	CT INFORMA	TION		RECEIPT	-
RELINQUISH	ED BY: DATE/TIME:	RECEIVED BY:			DATE	/TIME: 2	PROJECT	NAME: /)	N "	TION		Total # of Containers	3
1. Jai	yson Sytton /1/22/22/10:45	1 ()		17	10	45		+	anw					
2		2.					PROJECT		64	110			Turnaround Time (TAT) Request in Busing Standard 4-Day Rush	
-							SITE ADD	KESS:					Standard 4-Day Rush* 2-Day Rush*	- 1
3.		3.					SEND RE	PORT TO:	(.00		1.1 0	- 1 0	Next Day Rush* Other	
SPECIAL INST	TRUCTIONS/COMMENTS:		SHIPMEN	NT МЕТНО	D			STATE OF THE OWNER, TH	SHAPE OF REAL PROPERTY.	The second secon	inb.co	DVV1	Same-Day Rush*(auth req.)	_
		OUT: /	/	VIA:			INVOICE	TO (IF DIFFE	RENT FROM	ABOVE):			*Surcharges apply for Rush TA	-
		IN: /	/ FedEx UPS	VIA: US ma	ail co	urier							REGULATORY PROGRAM (if any):	
		Client	other:	051116			QUOTE	#:			PO#:		DATA PACKAGE: I O IIO III O IVC	
Submission	of samples to the laboratory constitutes acceptance of AES's	Terms & Condi	tions Client assu	mes sole r	esponsib	ility for dama	ge or loss of	samples bet	fore we acce	ot them. Sam	ples received aft	er 3PM or on Sa	sturday are considered as received the f	ollowing
	business day. If no TAT is n	narked on COC,	AES will proceed	with stand	dard TAT.	Samples are	disposed of	30 days afte	er completion	of report un	ess other arrang	gements are made	de.	

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name: Dunwoody Collection Date: 11/22/2022 9:35:00 AM

Lab ID:2211P87-001Matrix:Surface Water

Analyses		Result	Reporting Limit	Qual	Units B	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B								
E.coli		55	1		MPN/100mL	R502511	. 1	11/22/2022 11:03	TG

Date:

28-Nov-22

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit

Client:Vanasse Hangen Brustlin, IncClient Sample ID:MCProject Name:DunwoodyCollection Date:11/22/2022 9:55:00 AMLab ID:2211P87-002Matrix:Surface Water

Analyses		Result	Reporting Limit	Qual	Units I	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B								
E.coli		240	1		MPN/100mL	R50251	i 1	11/22/2022 11:03	TG

Date:

28-Nov-22

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC2

Project Name: Dunwoody Collection Date: 11/22/2022 10:20:00 AM

Lab ID:2211P87-003Matrix:Surface Water

Analyses		Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B								
E.coli		1100	1		MPN/100mL	R502511	. 1	11/22/2022 11:03	TG

Date:

28-Nov-22

Qualifiers:

* Value exceeds maximum contaminant level

BRL Below reporting limit

H Holding times for preparation or analysis exceeded

N Analyte not NELAC certified

B Analyte detected in the associated method blank

> Greater than Result value

E Estimated (value above quantitation range)

S Spike Recovery outside limits due to matrix

Narr See case narrative

F Analyzed in the lab which is a deviation from the method

< Less than Result value

J Estimated value detected below Reporting Limit



SAMPLE/COOLER RECEIPT CHECKLIST

lear	Save as

. Client Name: Vanasse Hangen Brustlin, Inc		AES Work Order Number: 2211P87							
Carrier: FedEx UPS USPS Client Courier Other									
	Yes	No	N/A	Details	Comments				
Shipping container/cooler received in good condition?	\odot	O	O	damaged leaking other					
Custody seals present on shipping container?	0	0	O						
Custody seals intact on shipping container?		0	0						
Temperature blanks present?	0	0	0						
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	0	0	Cooling initiated for recently collected samples / ice present					
Chain of Custody (COC) present?	0	\circ	\cap						
Chain of Custody signed, dated, and timed when relinquished and received?	8	X	X						
Sampler name and/or signature on COC?	ŏ	X	X						
Were all samples received within holding time?	8	\sim	X						
TAT marked on the COC?	8	R	X	If no TAT indicated, proceeded with standard TAT per I	Ferms & Conditions				
Cooler 1 Temperature 2.0 °C Cooler 2 Temperature Cooler 5 Temperature °C Cooler 6 Temperature Comments:			,c ,c	· ————————————————————————————————————	ler 8 Temperature°C				
	Yes	No	N/A	l certify that l have c Details	completed sections 1-15 (dated initials). Comments				
Were sample containers intact upon receipt?	0		O						
Custody seals present on sample containers?	Q	0	Q						
Custody seals intact on sample containers?	0	0	0						
Do sample container labels match the COC?	•	0	0	incomplete info illegible no label other					
Are analyses requested indicated on the COC?	0		О						
Were all of the samples listed on the COC received?	0	0	0	samples received but not listed on COC samples listed on COC not received					
Was the sample collection date/time noted?	0	0	0						
Did we receive sufficient sample volume for indicated analyses?	0		0						
Were samples received in appropriate containers?	0	0	0						
Were VOA samples received without headspace (< 1/4" bubble)?	\circ		0						
Were trip blanks submitted?	\bigcirc	\circ	0	listed on COC not listed on COC					
Comments:									
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that I have c Details	completed sections 16-27 (dated initials). Comments				
Have containers needing chemical preservation been checked? *	<u> </u>		1 (A)	Details	Comments				
Containers meet preservation guidelines?	$\boldsymbol{\times}$	8	8						
Containers meet preservation guidelines:					1				
Was pH adjusted at Sample Receipt?	$\overline{}$								

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

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

CD 11/22/22

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2211P87

Dates Report

Date: 29-Nov-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2211P87-001A	NC1	11/22/2022 9:35:00AM	Surface Water	er Total Coliform,E-coli			11/22/2022
2211P87-002A	MC	11/22/2022 9:55:00AM	Surface Water	er Total Coliform,E-coli			11/22/2022
2211P87-003A	NC2	11/22/2022 10:20:00AM	Surface Water	er Total Coliform,E-coli			11/22/2022

Client: Vanasse Hangen Brustlin, Inc

2211P87

ANALYTICAL QC SUMMARY REPORT

Date:

Project Name: Dunwoody

BatchID: R502511

Sample ID: MB-R502511 Client ID:

TestCode: Total Coliform, E-coli SM9223B

Units: MPN/100mL BatchID: **R502511**

Prep Date:

Run No: 502511 Analysis Date: 11/22/2022

Seq No: 11776380

28-Nov-22

Analyte

SampleType: MBLK

Workorder:

Result

SPK value SPK Ref Val %REC

Low Limit High Limit

RPD Ref Val

%RPD

RPD Limit Qual

E.coli

BRL

RPT Limit

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)

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

R RPD outside limits due to matrix

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



December 06, 2022

Chris Crow Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2212039

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on

December 1, 2022 10:53 am

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: <u>2212039</u> Page ___ of ___

MONTED M	COMPANY:	ADDRESS:							ANALYS	SIS REQUESTED			
SAMPLE DATE TIME B B B B B B B B B	PHONE: STATE TO THE TOTAL TO THE TOTAL TOT	IFMAII:										downloadable COCs and to	irs
SAMPLE DATE TIME B B B B B B B B B	110-458-1945						1						taine
SAMPLE DATE TIME B B B B B B B B B	SAMPLED BY: Jayson Sutton	SIGNATURE:	Taygan &	ntta	0		9					account.	of Con
NC1		SAM	APLED:	- 1		es) ×	TT						mber
1 NC1 1 NC	# SAMPLE ID	DATE	TIME	GRAB	MPOS	lATRI e cod			PRESERVA	ATION (see codes)		DEATABLE	N
1 NC1		DATE	TIIVIE		S	N (sei	1/6					REMARKS	
3 NC2 10:30 10	1 NCI	12/1	9:45	G		SW	X					0=Nan5203	1
3	2 NC	1	10:05				X						
5 S S S S S S S S S			10:30	J			X						THE PERSON NAMED IN
6	4												
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12 13 14 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	10												
13 14 15 16 17 18 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	11												
Total # of Containers	12												
RELINQUISHED BY: DATE/TIME: RECEIVED BY: DATE/TIME: PROJECT INFORMATION RECEIPT TOTAL # OF CONTAINERS DAYS PROJECT NAME: PROJECT INFORMATION RECEIPT TOTAL # OF CONTAINERS DAYS PROJECT #: \$ 4 1 6 CONTAINERS DAYS SITE ADDRESS: STEND REPORT TO: CREAN O'N BOOK O'	13										1111		
PROJECT HAME: PROJECT #:	14												
PROJECT #:	RELINQUISHED BY: DATE/TIME:		man promise		DATE/	TIME:			PROJECT	INFORMATION		RECEIPT	
2. SITE ADDRESS: SITE ADDRESS: Standard 4-Day Rush* 3. SEND REPORT TO: CCREW Uhb. Com PECIAL INSTRUCTIONS/COMMENTS: SHIPMENT METHOD OUT: / / VIA: INVOICE TO (IF DIFFERENT FROM ABOVE): Same-Day Rush*(auth req.) *Surcharges apply for Rush TAT REGULATORY PROGRAM (if any): ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following the considered as received the f	1 Jayson Sutton 12/1/22/16:53	1.0	03		105	3		NAME:	Duny	pooly		Total # of Containers	3
3. SHIPMENT METHOD OUT: / / VIA: IN: / VIA: IN: / VIA: Ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following the following them.	2.	2.							941	10	1		
SEND REPORT TO: CCREVICE UND. COMMENTS: SHIPMENT METHOD SAME-Day Rush* Other Same-Day Rush* (auth req.)							SHE ADDI	(ESS;					
OUT: / / VIA: INVOICE TO (IF DIFFERENT FROM ABOVE): *Surcharges apply for Rush TAT REGULATORY PROGRAM (if any): Other: OUTE #: PO#: DATA PACKAGE: I O II O III O IVO ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following	3.	3.					SEND REP	ORT TO:	nn	1	1		
OUT: / / VIA: INVOICE TO (IF DIFFERENT FROM ABOVE): *Surcharges apply for Rush TAT REGULATORY PROGRAM (if any): Other: OUTE #: PO#: DATA PACKAGE: I O II O III O IVO ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following	SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT	METHOD	0	c			KEV	WO UV	16.Com		
Client FedEx UPS US mail courier Other: QUOTE #: PO#: DATA PACKAGE: I O II O III O IVO ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following		OUT: / / VIA:				INVOICE T	O (IF DIFFERE	NT FROM AB	BOVE):		*Surcharges apply for Rush TAT	г	
ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following				rier						REGULATORY PROGRAM (if any):			
ubmission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following			other:				QUOTE #	:		PO#:_		DATA PACKAGE: 1 O 11 O 111 O 1V O)
business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.	Submission of samples to the laboratory constitutes acceptance of AES's	Terms & Conditi	ons. Client assume	es sole re	sponsibili	ty for damage	e or loss of s	amples befor	e we accept	them. Samples re	ceived after 3PM or on Sal	urday are considered as received the fo	ollowing

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water ST=Stormwater WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

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 NaOH = SH

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: NC1

Project Name: Dunwoody Collection Date: 12/1/2022 9:45:00 AM

Lab ID:2212039-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		3500		2	2	MPN/100mL	R502925	2	12/01/2022 12:00	TN

Date:

6-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 12/1/2022 10:05:00 AM

Lab ID:2212039-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		150		2	2	MPN/100mL	R502925	2	12/01/2022 12:00	TN

Date:

MC

6-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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: Vanasse Hangen Brustlin, Inc Client Sample ID:

Project Name: Dunwoody Collection Date: 12/1/2022 10:30:00 AM

Lab ID: 2212039-003 Matrix: Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		1600		2	2	MPN/100mI	R502925	2	12/01/2022 12:00	TN

Date:

NC2

6-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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

L. Client Name: Vanasse Hangen Brustlin, Inc		AES Work Order Number: 2212039							
. Carrier: FedEx UPS USPS Client Courier Other									
	Yes	No	N/A	Details	Comments				
Shipping container/cooler received in good condition?	0	0	0	damaged leaking other					
Custody seals present on shipping container?	Ŏ	Ŏ	Ŏ						
Custody seals intact on shipping container?	Ö	O	O						
Temperature blanks present?	O	Õ	Ŏ						
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	0	O	0	Cooling initiated for recently collected samples / ice					
Chain of Custody (COC) present?	0		\cap						
Chain of Custody signed, dated, and timed when relinquished and received?		18	δ						
Sampler name and/or signature on COC?	Ŏ	18	K						
Were all samples received within holding time?	6	18	X						
TAT marked on the COC?	8	l X	18	If no TAT indicated, proceeded with standard TAT per T	erms & Conditions.				
				,					
Cooler 1 Temperature 2.1 °C Cooler 2 Temperature			°C	Cooler 3 Temperature OC Cool	er 4 Temperature°C				
Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 7 Temperature °C Coole	er 8 Temperature °C				
· — · — — · —				·					
Comments:									
				I certify that I have co	ompleted sections 1-15 (dated initials).	CP 12/01/22			
	V	N I-	81/8	•					
Ways sample containers intest upon receipt?	Yes	No	N/A	Details T	Comments				
. Were sample containers intact upon receipt?	18	18	18						
Custody seals present on sample containers?	$\vdash \!$	-	8						
Custody seals intact on sample containers?	0	0	_	:					
Do sample container labels match the COC?	\odot	0	О	incomplete info illegible no label other					
Are analyses requested indicated on the COC?	0	0	\circ	no label Cities					
The unaryses requested maleated on the ede.		_		samples received but not listed on COC					
. Were all of the samples listed on the COC received?	\odot	0	\circ	samples listed on COC not received					
Was the sample collection date/time noted?	0			Sumples listed on ede list received					
Did we receive sufficient sample volume for indicated analyses?	ŏ	lŏ	K						
Were samples received in appropriate containers?	ŏ	lδ	M						
Were VOA samples received without headspace (< 1/4" bubble)?	8	18	ŏ						
Were trip blanks submitted?	A	18	Ŏ	listed on COC not listed on COC					
					<u> </u>				
Comments:									
This section only applies to samples where pH can be				I certify that I have co	ompleted sections 16-27 (dated initials).	CD 12/02/2			
checked at Sample Receipt.	Yes	No	N/A	Details	Comments				
Have containers needing chemical preservation been checked? *	0	O	0						
Containers meet preservation guidelines?	0		0						
Was pH adjusted at Sample Receipt?	O	0	0						
* Note: Certain analyses require chemical preservation but must be checked in the	e labora	tory and	not upo	n Sample Receipt such as Coliforms, VOCs and Oil & Greas	e/TPH.				
This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified b		•	•	Loortifu that I have o	ompleted sections 28-30 (dated initials).	CD 12/02/2			

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2212039

Dates Report

Date: 7-Dec-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2212039-001A	NC1	12/1/2022 9:45:00AM	Surface Water	er Total Coliform,E-coli			12/01/2022
2212039-002A	MC	12/1/2022 10:05:00AM	Surface Water	er Total Coliform,E-coli			12/01/2022
2212039-003A	NC2	12/1/2022 10:30:00AM	Surface Water	er Total Coliform,E-coli			12/01/2022

Client: Vanasse Hangen Brustlin, Inc

ANALYTICAL QC SUMMARY REPORT

Date:

6-Dec-22

Project Name: Dunwoody
Workorder: 2212039

BatchID: R502925

Sample ID: MB-R502925 Client ID: Units: MPN/100mL Prep Date: Run No: 502925
SampleType: MBLK TestCode: Total Coliform,E-coli SM9223B BatchID: R502925 Analysis Date: 12/01/2022 Seq No: 11787156

Analyte Result RPT Limit SPK value SPK Ref Val %REC Low Limit High Limit RPD Ref Val %RPD RPD Limit Qual

E.coli BRL 1

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

End of Report

ANALYTICAL ENVIRONMENTAL SERVICES, INC.



December 12, 2022

Chris Crow

Vanasse Hangen Brustlin, Inc

3772 Pleasantdale Rd

Atlanta

GA

30360

RE: Dunwoody

Dear Chris Crow: Order No: 2212663

Analytical Environmental Services, Inc. received for the analyses presented in following report.

3 samples on December 7, 2

December 7, 2022 11:27 am

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Corene Dephillips

Corene DePhinipos

Project Manager



3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

CHAIN OF CUSTODY

Work Order: <u>2212623</u> Page ___ of ___

COMPANY:	ADDRESS:			ANALYSIS REQUESTED			
VHB				ANALISIS REQUESTED		Visit our website	
						www.aesatlanta.com for downloadable COCs and to	
PHONE: 770-458-7943 SAMPLED BY: Jayson Sufton	EMAIL:		7:			log in to your AESAccess	ainers
SAMPLED BY: Tarce Sam C Han	SIGNATURE:	R. U.	-3			account.	Number of Containers
Sugger Sultor)	SAMPLED:	Souther	-rii				ber of
# SAMPLE ID	SAMI LED.	GRAB		PRESERVATION (see codes)			Num
	DATE TIME	COM	70			REMARKS	
1 Site NCI	12/7 10:20) 6 Su	THE PERSON NAMED IN COLUMN 2 I			0=NarS203	2
2 MC	1 10:40		X	3			2
2 MC 3 NC2	1 11:10		X				1
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RELINQUISHED BY: DATE/TIME:	RECEIVED BY:	DATE/TIME:	PROJECT NAME:	PROJECT INFORMATION		RECEIPT	
Jayson Satton 12/7/22/11:27	1. 0	7 1207 20	PROJECT NAME:	Lunwocky		Total # of Containers	3
2.	2.		PROJECT #:	64110		Turnaround Time (TAT) Request in Busine	ess Days
		1	SITE ADDRESS:			Standard 4-Day Rush*	
3.	3.		SEND REPORT TO	0: - 0 - 1 1		3-Day Rush* 2-Day Rush* Next Day Rush* Other	*
SPECIAL INSTRUCTIONS/COMMENTS:	SHIPN	MENT METHOD		CCR FINOUND.C	OM	Same-Day Rush*(auth req.)	
	OUT: / /	VIA:	INVOICE TO (IF E	DIFFERENT FROM ABOVE):		*Surcharges apply for Rush TAT	T.
	IN: / / Client FodEx U	VIA: PS US mail courier				REGULATORY PROGRAM (if any):	
	other:	. 5 OSTITULI COURSE	QUOTE #:	PO#:		DATA PACKAGE: I O II O III O IVO)
Submission of samples to the laboratory constitutes acceptance of AES's				es before we accept them. Samples received			ollowing

3.18.21_COC

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC1

Project Name: Dunwoody Collection Date: 12/7/2022 10:20:00 AM

Lab ID:2212663-001Matrix:Surface Water

Analyses		Result	Qual	MDL	Reporting Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		980		2	2	MPN/100mL	R503339	2	12/07/2022 13:40	TN

Date:

12-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE MC

Project Name: Dunwoody Collection Date: 12/7/2022 10:40:00 AM

Lab ID:2212663-002Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		180		2	2	MPN/100mL	R503339	2	12/07/2022 13:40	TN

Date:

12-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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 9

Client: Vanasse Hangen Brustlin, Inc Client Sample ID: SITE NC2

Project Name: Dunwoody Collection Date: 12/7/2022 11:10:00 AM

Lab ID:2212663-003Matrix:Surface Water

Analyses		Result	Qual	MDL	Reportin Limit	g Units	BatchID	DF	Date Analyzed	Analyst
Total Coliform,E-coli	SM9223B									
E.coli		1300		2	2	MPN/100mL	R503339	2	12/07/2022 13:40	TN

Date:

12-Dec-22

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

F Analyzed in the lab which is a deviation from the method

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

1. Client Name: Vanasse Hangen Brustlin, Inc			AES Work Order Number: 2212663						
2. Carrier: FedEx UPS USPS Client Courier Other			_						
	Yes	No	N/A	Details	Comments				
3. Shipping container/cooler received in good condition?		0		damaged leaking other					
4. Custody seals present on shipping container?		0	0						
5. Custody seals intact on shipping container?			0						
6. Temperature blanks present?		0							
Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]		0	0	Cooling initiated for recently collected samples / ice present					
8. Chain of Custody (COC) present?	0		О						
9. Chain of Custody signed, dated, and timed when relinquished and received?		0	0						
0. Sampler name and/or signature on COC?	0								
Were all samples received within holding time?			Ю						
2. TAT marked on the COC?	0	0	О	If no TAT indicated, proceeded with standard TAT per To	erms & Conditions.				
3. Cooler 1 Temperature 2.9 °C Cooler 2 Temperature 4. Cooler 5 Temperature °C Cooler 6 Temperature			°C	Cooler 3 Temperature OC Coole	er 4 Temperature°C				
4. Cooler 5 Temperature °C Cooler 6 Temperature			°С		er 8 Temperature°C				
5. Comments:									
				I certify that I have co	ompleted sections 1-15 (dated initials).	CP 12/07/22			
	Yes	No	N/A	Details	Comments				
6. Were sample containers intact upon receipt?	0		0						
7. Custody seals present on sample containers?		0	0						
8. Custody seals intact on sample containers?									
9. Do sample container labels match the COC?	•	0	0	incomplete info illegible no label other					
0. Are analyses requested indicated on the COC?	0	\circ	О						
Were all of the samples listed on the COC received?		0	0	samples received but not listed on COC samples listed on COC not received					
2. Was the sample collection date/time noted?	0	0	0						
3. Did we receive sufficient sample volume for indicated analyses?	O	Ö	O						
4. Were samples received in appropriate containers?	Ō	Ō	ĬŎ						
5. Were VOA samples received without headspace (< 1/4" bubble)?	O	Ō	Ō						
6. Were trip blanks submitted?	0	0	0	listed on COC not listed on COC					
7. Comments:					•				
This section only applies to samples where pH can be checked at Sample Receipt.	Yes	No	N/A	l certify that l have co Details	ompleted sections 16-27 (dated initials). Comments	AS 12/7/22			
8. Have containers needing chemical preservation been checked? *			T O	Details	Comments				
9. Containers meet preservation guidelines?	+	$\vdash {\succ}$	18						
D. Was pH adjusted at Sample Receipt?		$+\times$	18						
	<u> </u>	<u> </u>		Operation Descript exacts as Option 1999 1999 1999	- (TDI)				
* Note: Certain analyses require chemical preservation but must be checked in the This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified by EPA 200.7.		•		Loortifu that I have a	e/TPH. pmpleted sections 28-30 (dated initials).	AS 12/7/22			

Client: Vanasse Hangen Brustlin, Inc

Project Name: Dunwoody
Lab Order: 2212663

Dates Report

Date: 13-Dec-22

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2212663-001A	SITE NC1	12/7/2022 10:20:00AM	Surface Water	er Total Coliform,E-coli			12/07/2022
2212663-002A	SITE MC	12/7/2022 10:40:00AM	Surface Water	er Total Coliform,E-coli			12/07/2022
2212663-003A	SITE NC2	12/7/2022 11:10:00AM	Surface Water	er Total Coliform,E-coli			12/07/2022

Client: Vanasse Hangen Brustlin, Inc ANALYTICAL QC SUMMARY REPORT

Date:

12-Dec-22

Run No: 503339

Project Name: Dunwoody Workorder: 2212663

BatchID: R503339

Sample ID: MB-R503339 Client ID: Units: MPN/100mL Prep Date: SampleType: MBLK

TestCode: Total Coliform, E-coli SM9223B BatchID: **R503339** Analysis Date: 12/07/2022 Seq No: 11799222

RPT Limit SPK value SPK Ref Val RPD Limit Qual Analyte Result %REC Low Limit High Limit RPD Ref Val %RPD

E.coli **BRL**

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

R RPD outside limits due to matrix

End of Report