SAMPLING TRIP REPORT

SITE NAME: PFAS and 1,4-dioxane at Fulton Ave, Liberty Industrial

Finishing, & New Cassel Sites

CERCLIS ID NUMBER: N/A

SAMPLING DATE: 13-15 November 2018

CLP CASE NUMBER: None

SITE LOCATION: Long Island, New York

SAMPLE CRITERIA: Samples are provided to New York State for their analyses and

actions as required.

1. Laboratories Receiving Samples:

Sample Type	Site/Number of Samples	Name and Address of Laboratory
Ground Water –	Fulton Ave: 6	Test America
PFAS standard 21+ list	Liberty Industrial Finishing: 6	30 Community Drive Suite 11
	New Cassel: 6	South Burlington, VT
Ground Water –	Fulton Ave: 6	Test America
1,4-Dioxane	Liberty Industrial Finishing: 6	777 New Durham Rd
	New Cassel: 6	Edison, NJ

2. Sample Dispatch Data:

The total number of samples delivered to the laboratory were 18 with a volume of 500 ml per sample per analysis. Of the 18 samples delivered to the laboratory, 14 were groundwater samples, 3 were duplicate samples, and three were equipment rinsate blank samples. The six samples from both Fulton Ave and Liberty Industrial Finishing sites were picked up from the EPA field team by Test America Laboratory's courier and delivered to the lab. The six samples from New Cassel were hand delivered to Test America Laboratory in Edison, NJ by the EPA field team for processing. All samples were collected using GeoInsight's PFAS free, high-density polyethylene HydraSleeves.

On 13 November 2018, the field team consisting of EPA Region II DESA-HWSB-SST personnel Michael A. Mercado, Charren Cabaroy, and Graham Ellison traveled to the Fulton Ave site. At the site, four monitoring wells were identified for sample collection. The wells identified were: GCP04, GCP08, DSB-02RS, and MW-15A. Rust was evident in MW-15A as the bag contained a few very small holes, possibly from the rusted well casing. The sampling team was able to collect the sample volume needed by changing the bag and lowering it into the well a second time. Samples were collected from all four identified wells, along with the equipment rinsate blank sample (RB-1) for Fulton Ave Site. MW-15A was selected for the matrix spike/matrix spike duplicate analyses (MS/MSD). A duplicate sample was collected from monitoring well GCP08 and was named GCP08D. All samples were placed on ice and secured overnight.

On the morning of 14 November 2018, the field team collected samples from MW-4A, MW-7A, MW-9A, and MW-11C, along with the equipment rinsate blank sample (RB-2) from the Liberty Industrial Finishing Site. MW-11C was selected for the matrix spike/matrix spike duplicate analyses (MS/MSD). A duplicate sample was collected from monitoring well MW-7A and was named MW-7AD.

During the afternoon of 14 Nov 2018, the field team collected samples from MW-4, MW-11D, MW-14, and OU3-MW3, along with the equipment rinsate blank sample (RB-3) from the New Cassel Site. MW-11D was selected for the matrix spike/matrix spike duplicate analyses. A duplicate sample was collected from monitoring well MW-4 and was named MW-4D.

All samples collected on 13 Nov 2018 from the Fulton Ave Site and samples collected in the morning of 14 Nov 2018 from Liberty Industrial Finishing Site were provided to Test America Laboratory's courier in four coolers, to accommodate the two lab facilities involved (VT and NJ). Two coolers contained samples for PFAS analyses and the other two for 1,4-Dioxane analysis. All samples were placed on ice and tagged. A completed chain of custody accompanied each cooler. (See Attachment 1 for copies of all Chain of Custody forms). Samples collected from the New Cassel Site in the afternoon of 14 Nov 2018 were placed on ice and secured overnight.

On 15 November 2018, samples collected from the New Cassel Site were transported by the EPA field team to the Test America Laboratory in Edison, NJ in two coolers, to accommodate the two lab facilities involved (VT and NJ). One cooler contained samples for PFAS analyses intended for the Test America Laboratory in Burlington, VT and one other for 1,4-Dioxane analysis by the Edison, NJ laboratory. All samples were placed on ice and tagged. A completed chain of custody accompanied each cooler. (See Attachment 1 for copies of all Chain of Custody forms).

3. Sampling Personnel:

Name	Organization	Site Duties
Michael A. Mercado	USEPA Region II DESA/HWSB	Project Manager/Sample Management
Graham Ellison	USEPA Region II DESA/HWSB	Field Personnel
Charren Cabaroy	USEPA Region II DESA/HWSB	Field Personnel
Amelia Jackson	USEPA Region II DESA/HWSB	Quality Assurance Officer

4. Sample Descriptions:

CLP	Tag#	Sample Location	DTG	Analysis	Laboratory	Remarks
Sample#						
			Fulton Ave Site			
BE9N0	FA-1-P	RB-1	13NOV18/2030	PFAS	TestAmerica	Rinsate Blank
	FA-1-D			1,4-Dioxane		
BEC28	FA-6-P	DSB-02RS	13NOV18/1500	PFAS	TestAmerica	Downgradient
	FA-6-D			1,4-Dioxane		well
BEC29	FA-2-P	GCP04	13NOV18/1610	PFAS	TestAmerica	Background
	FA-2-D			1,4-Dioxane		well
BEC30	FA-3-P	GCP08	13NOV18/1420	PFAS	TestAmerica	Downgradient
	FA-3-D			1,4-Dioxane		well
BEC31	FA-4-P	GCP08D	13NOV18/1420	PFAS	TestAmerica	Duplicate of
	FA-4-D			1,4-Dioxane		GCP08
						downgradient
						well
BEC32	FA-5-P	MW-15A	13NOV18/1400	PFAS	TestAmerica	Downgradient
	FA-5-D			1,4-Dioxane		well MS/MSD

			Liberty Industrial Fin	ishing		
BE9M9	LF-1-P	RB-2	13NOV18/2030	PFAS	TestAmerica	Rinsate Blank
	LF-1-D			1,4-Dioxane		
BEC23	LF-2-P	MW-4A	14NOV18/0915	PFAS	TestAmerica	Background
	LF-2-D			1,4-Dioxane		well
BEC24	LF-3-P	MW-7A	14NOV18/0945	PFAS	TestAmerica	On-site well
	LF-3-D			1,4-Dioxane		
BEC25	LF-4-P	MW-7AD	14NOV18/0945	PFAS	TestAmerica	Duplicate of
	LF-4-D			1,4-Dioxane		MW-7A on-
						site well
BEC26	LF-5-P	MW-11C	14NOV18/1015	PFAS	TestAmerica	Downgradient
	LF-5-D			1,4-Dioxane		well and
						MS/MSD
BEC27	LF-6-P	MW-9A	14NOV18/1045	PFAS	TestAmerica	Downgradient
	LF-6-D			1,4-Dioxane		well
			New Cassel Site			
BE9M8	NC-1-P	RB-3	13NOV18/2030	PFAS	TestAmerica	Rinsate Blank
	NC-1-D			1,4-Dioxane		
BEC18	NC-6-P	MW-14	14NOV18/1550	PFAS	TestAmerica	Background
	NC-6-D			1,4-Dioxane		well
BEC19	NC-2-P	MW-4	14NOV18/1320	PFAS	TestAmerica	On-site well
	NC-2-D			1,4-Dioxane		
BEC20	NC-3-P	MW-4D	14NOV18/1320	PFAS	TestAmerica	Duplicate of
	NC-3-D			1,4-Dioxane		MW-4 on-site
						well
BEC21	NC-4-P	MW-11D	14NOV18/1515	PFAS	TestAmerica	Downgradient
	NC-4-D			1,4-Dioxane		well and
						MS/MSD
BEC22	NC-5-P	OU3-MW3	14NOV18/1635	PFAS	TestAmerica	Downgradient
	NC-5-D			1,4-Dioxane		well

5. Additional Comments:

A total of 18 samples were submitted to Test America Laboratories. The number of samples includes:

- a. 12 Ground Water samples for PFAS and 1,4-Dioxane, including three MS/MSD
- b. Three field duplicates
- c. Three equipment rinsate blanks

Enclosed is a table titled: "PFAS/1,4-Dioxane Sampling Event: Well Key Log for Long Island Sites, New York State". The Key Log provides information by Site: Well Numbers, both the CLP# and TAG# assigned to the samples from each well, GPS location in Lat/Long for each well sampled using Google Maps (WGS84), Diameter of the wells (inches), Screen Locations (ft), and Sampling Depths (ft).

Report Prepared By: Michael A. Mercado	Date	November 20, 2018
--	------	-------------------

PFAS/1,4-Dioxane Sampling Event Well Key Log for Long Island Sites, New York State

Site	Address		1 8	, , , , , , , , , , , , , , , , , , ,	RPM	,	Phone #	
	Southern End of Iris	Place, New	Cassel/Hicksvi	lle, NY 11590	Thomas Mongelli		(212)637-4256	j .
	(Westbury, NY)							
Cassel	Well#	CLP#	TAG#	GPS		Diameter	Screen	Sampling
Sa				Lat	Long	(inches)	Location (ft)	Depth (ft)
	MW-14 (BG)	BEC18	NC-6-(P&D)	40.7535193888353	-73.5557014122605	2"	185-205	205
New	MW-4 (OS)	BEC19	NC-2-(P&D)	40.7516950253930	-73.5633561015129	N/A	180-200	200
	MW-11D (DG)	BEC21	NC-4-(P&D)	40.7479257517921	-73.5677344724535	2"	275-285	285
	OU3-MW3 (DG)	BEC22	NC-5-(P&D)	N/A	N/A	2"	375-385	385
Site	Address				RPM		Phone #	
	55 Motor Parkway, F	Farmingdale	e, NY 11735		Lorenzo Thantu		(212)637-4240)
	Well#	CLP#	TAG#	GPS		Diameter	Screen	Sampling
rty				Lat	Long	(inches)	Location (ft)	Depth (ft)
Liberty	MW-4A (BG)	BEC23	LF-2-(P&D)	40.7286020764235	-73.4464751556516	2"	27.4-36.9	37
i i	MW-7A (OS)	BEC24	LF-3-(P&D)	40.7251015907365	-73.4480016678572	4"	10.5-25.5	26
	MW-9A (DG)	BEC27	LF-6-(P&D)	40.7116454805290	-73.4502198847125	4"	3.5-13.5	13.5
	MW-11C (DG)	BEC26	LF-5-(P&D)	40.7172536036711	-73.4493400901556	4"	110-120	120
Site	Address				RPM		Phone #	
	150 Fulton Ave, Gar	den City, N	Y 11040		Kevin Willis		(212)637-4252	
بو	Well#	CLP#	TAG#	GPS		Diameter	Screen	Sampling
Ave				Lat	Long	(inches)	Location (ft)	Depth (ft)
on	GCP04 (BG)	BEC29	FA-2-P&D	40.7372842748326	-73.6575113609433	2"	51-61	61
Fulton	GCP08 (DG)	BEC30	FA-3-P&D	40.7350748347109	-73.6612134799361	2"	50-60	60
<u> </u>	MW-15A (DG)	BEC32	FA-5-P&D	40.7318930307267	-73.6640194058418	2"	140-150	150
	DSB-02RS (DG)	BEC28	FA-6-P&D	40.7354729305834	-73.6595039069653	4"	N/A	N/A

(BG) = Background Samples, (DG) = Downgradient Samples, & (OS) = On-Site Samples (N/A) = Not Available

Attachment 1

Chain of Custody Forms

TestAmerica Edison

777 New Durham Road

Edison, NJ 08817 Phone (732) 549-3900 Fax (732) 549-3679



Client Information	Michael	Sampler: Lab PM: Hask, Melissa Phon6: 732-906-6808 E-Mail: melissa.haas@testameric						Carrier Tracking No(s):						COC No: 460-105459-67530.1		
s. Amelia Jackson	Phoné: 732-	-906-	808	E-Ma meli		s@test	testamericainc.com .				Page: Page 1 of 2					
ompany: SEPA										Reque	etod			Job #:		
ddress: 890 Woodbridge Ave	Due Date Request	ed:				\top	П		1,90.5	Roque	T	ТТ	T	Preservation C	odes:	
ity: dison	TAT Requested (d	ays):				8.	11							A - HCL B - NaOH	M - Hexane N - None	
ate, Zip:	-					(oc/ms sim isotope								C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S	
J, 08837	PO #:					S .								E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2O3	
nail:	Callout: 136412	; Site: 1302	215		No)	5								G - Amchlor H - Ascorbic Acid	S - H2SO4	
ckson.amelia@epa.gov	WO#: Southern End of	f Iris Place.	New Cassel		or N	aue (11							I - Ice J - DI Water	U - Acetone V - MCAA	
oject Name: EC New Cassel/Hicksville GW Contam	Project #: 46027762				(Yes	X							iners	K-EDTA L-EDA	W - pH 4-5 Z - other (specify)	
e:	SSOW#:				Sample (Yes SD (Yes or I	-							conta	Other:	L - outer (apocary)	
					70 2 3								rofo			
			Sample Type	Matrix	Itere								lmbe			
		Sample	1 " 10	/=water, S=solid, O=waste/oil,	Field Filt	rtion					11		al Nu			
ample Identification	Sample Date	Time	G=grab) B		i a	N III						\perp	Total	Special	nstructions/Note:	
BEGM8 - TAG: NC-1-D	12 1/01/19	2020		Water	XX				+		122		X		01	
DEGINE - TOG: WEST D	STONIS	2000	G		NIX	2	\vdash	+	+	+	\vdash	++		RINSAT	E BLANK	
BECIS - TAG: NC-6-D	14NOV 1X	1550	9	Water	NN.	2	\vdash		\perp			\perp				
BEC19 - TAG: NC-2-D	14110118	1320	G	Water	MN	2										
3EC20-TAG: NC-3D	14Nov 18	1320	9	Water	MM.	2										
BEC21 - TAG: NC-4D BEC22 - TAG: NC-5)	1440018	1515	G	Water	VY	4					П		1 8	MS/M	SD	
BECZZ- TAG: NC-5)	14 Na118	1635	6	Water	NN	2						\top		1010111		
	1110000			Water			\vdash	1	\top	\top	+	++	1			
				Water	+	_	\vdash	+	+	+	+	++	- 8			
				Water	+	+	\vdash	+	+	-	\vdash	++				
		_		Water	+	+	\vdash	+	+	+	+	++				
					+	+	\vdash	_	\vdash	-	-	++				
essible Hazard Identification				Water	1				Ш							
Non-Hazard Flammable Skip Irritant	Poison B Unkno	wn \square_R	adiological		Sam	DIE DIS	posal (n To Cli	A fee	may b		ssed if Isal By L		are retain Arch	ed longer than		
liverable Requested: I, II, III, IV, Other (specify)	241110		ooglou/		Spec		uctions		equire		sai by L	.au	Arch	ve ror	Months	
ppty Kit Relinquished by:	Ti	Date:		1	l'ime:						Method	of Shipmen	:			
Inquished by:	Date/Time: 2	16 11	in co	mpany	7,400,00	eceived	by:		1		/	Date/In		10/100	Company	
inquished by:	Date/Time:	10 17		SEPA mpany		eceived	2	(y	/	Date/Tin	11011	1 100	ARCH	
inquished by:										0/		Date/In	ю.		Company	
	Date/Time:	,	Co	mpany		eceived I						Date/Tin	10:		Company	
Custody Seals Intact: Custody Seal No.:											KS: T	1		. ,	1	

TestAmerica Burlington

30 Community Drive Suite 11 South Burlington, VT 05403 Phone (802) 660-1990 Fax (802) 660-1919

Chain of Custody Record



Client Information	Sampler:	1 MER	eaado	La H	b PM: aas, N	Meliss	a				Carrie	Carrier Tracking No(s):				C No: 0-105458-67529.1
Client Contact: Ms. Amelia Jackson	Phone: 732 -	906-6	808		Mail: elissa	.haas	@testa	mericai	nc.con	n	7				Pag	ge: ge 1 of 2
Company: USEPA	1 705				Т		0				equest	uestad				#:
Address: 2890 Woodbridge Ave	Due Date Request	ed:					\top	П	Allaiy	y sis ixe	- Tuest	eu	TT	T	Pre	eservation Codes:
City: Edison	TAT Requested (d	ays):			-										B-	HCL M - Hexane NaOH N - None Zn Acetate O - AsNaO2
State, Zip: NJ, 08837	1						(sea)								D- E-	Nitric Acid P - Na2O4S NaHSO4 Q - Na2SO3
Phone:	PO #: Callout: 136412	; Site: 1302	215		(0		Standard List (21 Analytes)								G-	MeOH R - Na2S2O3 Amchlor S - H2SO4 Ascorbic Acid T - TSP Dodecahydrate
Email: Jackson.amelia@epa.gov	W0 #: Southern End o	f Iris Place,	New Casse	ı	s or N	No)	list (21									lce U - Acetone DI Water V - MCAA
Project Name: DEC New Cassel/Hicksville GW Contam	Project #: 46027762				le (Ye.	es or	l dard I									EDTA W - pH 4-5 EDA Z - other (specify)
Site:	SSOW#:				Samp											er:
	-	Sample	Sample Type (C=comp,	Matrix (W=water, S=s O=waste/oi	eld Fill		PFC_IDA - PFAS,								iotal Number	
Sample Identification	Sample Date	Time	G=grab) Preserva	tion Code		Ž								18	-	Special Instructions/Note:
BE9M8 -TAG: NC-1-P	13NOVR	2030	G	Water	Ŷ	N'	2								K	Pensok Blank
BE9M8 -TAG: NC-1-P BEC18 - TAG: NC-6-P	14Nov18	1550	G	Water	N	N:	2									
BEC19 -TAG: NC-2-P	14NOV 18	1320	G	Water	N	\vdash	2									
BEC 20 - TAG: NC-3-P	14NOV18	1320	G	Water	W	N	2									
BEC21-TAG: NC-4-P	14 Nav 18	1515	G	Water	N	Y	1								A	15/MSD
BEC 22 - TAG: NC-5-P	14 NOU 18	1635	G	Water	M	N:	2			\sqcup						
				Water	Ш	Н	\perp	\sqcup	_		\perp		\perp			
1				Water	Н	Н	_	\perp		1	\perp	_	$\perp \perp$			
				Water	Н	Н	+	\vdash	+	\vdash	++	_	++	-	-	
				Water	+	Н	+	-	+	\vdash	++	_	++	-	-	
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Pois	on P. Ulnkov		Radiological	vyater	ᅦ	Sam		posal (To Clie			assess		Mention 2011		ined I	onger than 1 month) -or Months
Deliverable Requested: I, II, III, IV, Other (specify)	OH B OHKIC	nwii n	aulological		\neg	Spec				equirem		прус	au	AIC	TIIVE F	orMonths
Empty Kit Relinquished by:		Date:			Tin	ne:					M	Method o	f Shipment	:		
Relinguished by: Relinquished by:	Date/Time:	118/	400	Company USE Company	PA		eceived t	1	2	uzz	/		Date/Tim	11/5	10	8 400 Company Edi50
Relinquished by:	Date/Time;			Company		R	eceived t	by:					Date/Tim	e:		Company
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No	1/2	1				C	ooler Ter	mperature		and Other	Remarks:			0	2.	9°C IL#9 Ver: 08/04/2016

IHT9 2.90C NO C5

TestAmerica Edison

777 New Durham Road Edison, NJ 08817



Phone (732) 549-3900 Fax (732) 549-3679 Client Information	Sampler John of A L	Conside	Lab PM Haas	/i: Melissa	a		Carrier Trac	king No(s):	COC No: 460-105461-6	7532.1
Client Contact: Mr. Michael Mercado	Phone 732-906	1-1200	E-Mail:			ericainc.com			Page:	
Company:	100 100	0001	meliss	sa.naas	Wiestame				Page 1 of 1 Job #:	
USEPA Address:	Due Date Requested:		_	10000		Analysis	Requested		Preservation Co	odoe:
2890 Woodbridge Ave									A - HCL	M - Hexane
City: Edison	TAT Requested (days):			ototo					B - NaOH C - Zn Acetate	N - None O - AsNaO2
State, Zip: NJ, 08837				Wis					D - Nitric Acid E - NaHSO4 F - MeOH	P - Na2O4S Q - Na2SO3 R - Na2S2O3
Phone:	PO#: Callout: 136413; Site: 130	005	7	iple (Yes or No) (Yes or No) -14-Dioxane (GC/MS SIM Isotope					G - Amchlor H - Ascorbic Acid	S - H2SO4 T - TSP Dodecahydrate
Email: mercado.michael@epa.gov	W0 #: 55 Motor Ave, Colt Indust	rial Park	18	or N					J - Ice J - DI Water	U - Acetone V - MCAA
Project Name: DEC Liberty Industrial Finishing (4 J's	Project #: 46027763	Action of the second	Ş	S or P					K-EDTA L-EDA	W - pH 4-5 Z - other (specify)
Site:	SSOW#:								Other:	
		Sample		rm MS/MS	Dilution)			1 1 1 1	<u></u>	
		Type (w-	Matrix	Fifte orm t	(uo				Numbe	
Sample Identification	Sample Date Time	(C=comp, G=grab) BT=	Tissue, A=Air)	Field Filt Perform	Dilut				Special	nstructions/Note:
	><>	Preservation	n Code:	W _r						
BEGING - TAG: LF.1-D	13161/8 2030	9	Water		2				Russale)	Blook
BETI BEC23-TAG: LF-2-D	14NOV 18 0915		Water	-	2					
BEC24 - TAG= LF-3-D BEC25 - TAG= LF-4-D	14 Nov 18 0945				2					
BEC25 - TAGS LF.4-D	14 NOV 18 0945		Water	UM.	2					
BEC26-TAG-LF-5-D	14 Na 18 1015		Water	471	<i>t</i>				45/450	
BEC27-TAG: LF-6-D	14 NOV 18 1045	6	Water (UN)	2					
			Water	$\perp \perp$	\perp					
			Water	\perp	\perp					
			Water	\perp	\perp					
				+	\perp	+++				
Possible Hazard Identification				Sam	nle Dieno	sal (A fee may	he assessed	f samples are reta	ined longer than	1 month)
Non-Hazard Flammable Skin Irritant Pois	son B Unknown	Radiological			Return T	o Client	Disposal By	f samples are reta	chive For	Months
Deliverable Requested: I, II, III, IV, Other (specify)				Spec	ial Instruc	tions/QC Requi	rements:			
Empty Kit Relinquished by:	Date:			Time:	0	3 D	Metho	d of Shipment;	,]	-A
Relinguished by	14 Nov 8 14	30 Cor	mpany	R	teceived/by:	10		Date/Time:	11500	Company
Relinquished by:	Date/Time:	Cor	mpany	R	teceived by:			Date/Time/	/	Compa
Relinquished by:	Date/Time:	Cor	mpany	P	teceived by:			Date/Time:		Company
Custody Seals Intact: Custody Seal No.:	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			C	Cooler Tempe	erature(s) °C and O	ther Remarks:	MEMBER		
Δ Yes Δ No										Ver: 08/04/2016

TestAmerica Burlington

30 Community Drive Suite 11
South Burlington, VT 05403
Phone (802) 660-1990 Fay (805)



Priorie (802) 660-1990 Fax (802) 660-1919												THE LEADER IN E	ENVIRONMENTAL TESTING
Client Information	Sampler Achael A.	GERCASO	Lab PM Haas,	i: Melis	ssa				Carrier Track	ing No(s):		COC No: 460-105460-675	E24.4
Client Contact: Mr. Michael Mercado	Phone: 732-906	6-6808	E-Mail:			tameric	ainc.con	2				Page:	331,1
Company: USEPA	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	000	T	out tut	100	tarriorio					_	Page 1 of 1 Job#:	
Address: 2890 Woodbridge Ave	Due Date Requested:		_			T	Anaiy	sis Rec	quested		100	Preservation Cod	dear
City:	TAT Requested (days):		_	- 66								A - HCL	M - Hexane
Edison State, Zip:												B - NaOH C - Zn Acetate	N - None O - AsNaO2
NJ, 08837					8	11						D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3
Phone:	PO#:	2005		- 100	nalyt							F - MeOH G - Amchlor	R - Na2S2O3 S - H2SO4
Email:	Callout: 136413; Site: 136 WO#:	0005		(ON	21 A							H - Ascorbic Acid	T - TSP Dodecahydrate
mercado.michael@epa.gov Project Name:	55 Motor Ave, Colt Indus	trial Park	2		List						2	J - DI Water	U - Acetone V - MCAA
DEC Liberty Industrial Finishing (4 J's	Project #: 46027763		200	e (re	dard						aine	K - EDTA L - EDA	W - pH 4-5 Z - other (specify)
Site:	SSOW#:		Tues.	SD (Ye	, Standard List (21 Analytes)							Other:	
		Sample M	latrix	W/S	PFC_IDA - PFAS,						Number of		
	Sample		latrix ster, S=solid. waste/oil, ssue, A=Air)	Perform	ď.						N.		
Sample Identification	Sample Date Time	G=grab) BT=Tis		Per	PFC						Total	Special In	structions/Note:
DECAMO THE IS	-XX	Preservation	Code:	\bigcirc	N				数 毙 3		X		
BE9M9-TAGOLF-1-P	13 Nov 18 2036	0 G N	/ater	N	2							Rougate E	Slawk
BEC23 -TAG: LF-2-P	14100/8 0915	6 "	/ater /	N	2						0.5		
BEC24-TAG: 11-3-P	14Nov 18 0945	6 N	/ater	M	2								
BEC25-TAG: LF-4-P	14 Nov 18 1945	6 W	/ater L	N	2	\top	\neg			+++			
BEC 26 - TAG 118-5-9	14 Nov 18 1015		/ater	Y	4	+	\top		+	+++		1/5/450	
BEC27-TAG: LF-6-P	14 NOV8 1045	6 W	ater N	W	2	\Box	\top	\Box	\top	+++		Melion	
		W	/ater	П		TT							
		W	ater	П									
		W	ater										
			_										
Possible Hazard Identification				Ш									
Non-Hazard Flammable Skin Irritant Pr	oison B Unknown	Dodinlania d		Sam	ple Dis	sposal (A fee n			samples are r	etaine	d longer than 1	month)
Deliverable Requested: I, II, III, IV, Other (specify)	NGOT B OTKTOWT	Kadiological		Spec		n To Cli ructions		quiremen	<i>sposal By L</i> ts:	ab 🗀	Archive	e For	Months
Empty Kit Relinquished by:	Date:		Tir	me:					Method o	f Shipment:			
Relinquismed by	Date/Time:	Compa			Received	by	1		I I I I I I I I I I I I I I I I I I I	Date/Time:	fell	162	Company 1/
Relinguished by:	14 Nov 18 14	Compa	EPA	-		0	0			61/14	18/	1500	
Pallaguiahad hus		Compa	any .	,	Received	by:				Date/yime:[/	,	Company
Relinquished by:	Date/Time:	Compa	any	F	Received	by:				Date/Time:	-		Company
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No			4	C	Cooler Ter	mperature	e(s) °C an	d Other Rei	narks:		-		
				_				0.1					

TestAmerica Edison

777 New Durham Road Edison, NJ 08817 Phone (732) 549-3900 Fax (732) 549-3679



Client Information	Sampler: Micha	el 4.1	YERCA	Lab Hai	PM: as. M	Melissa				C	arrier Tra	cking No(s	s):	_	COC No:	-00.4	
Client Contact: Mr. Michael Mercado	Phone: 732-	906-1	2808	E-M		hane	@testamer	daalaa		\neg					460-105456-67 Page:	028.1	_
Company: USEPA		,,,,	0,0,	ine	1550.	.iiaas(glestamer								Page 1 of 1 Job #:		_
Address:	Due Date Reques	ed:						An	alysis	Requ	ested			1000			
2890 Woodbridge Ave City:	TAT Requested (d				1										Preservation Co	ies: M - Hexane	
Edison State, Zip:	- Nequested (0	dys):				otope									B - NaOH C - Zn Acetate	N - None O - AsNaO2	
NJ, 08837						SIM Is	1 1								D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3	
Phone:	PO#: Callout: 136410	: Site: 1300	79		11	/MS					11				F - MeOH G - Amchlor	R - Na2S2O3 S - H2SO4	
Email:	WO #:				- 8	(Yes or No) 1,4-Dioxane (GC/MS						. 1			H - Ascorbic Acid I - Ice	T - TSP Dodecahydra U - Acetone	te
mercado.michael@epa.gov Project Name:	150 Fulton Ave, Project #:	Garden Cit	ty Park		es or	or No)		11						SIS	J - DI Water K - EDTA	V - MCAA W - pH 4-5	
DEC Fulton Ave (Garden City Park Indust.	46027760				S S	(es o								ntain	L - EDA	Z - other (specify)	
One.	SSOW#:				Samp	SD (of con	Other:		
			Sample		pere	MS/M								ber c			\dashv
(4)		C1-	Туре	Matrix (W=water, S=solk	, Ě	form of	(F)	11			11	,		Num			- 1
Sample Identification	Sample Date	Sample Time	(C=comp, G=grab)	O=waste/oil, BT=Tissue, A=Air	Field	Perform 8270D_S	Diluti							Total	Special In	structions/Note:	- 1
200 (2)	\rightarrow	><		ation Code:	X	×Ν				NAME OF				X	Opecial III	structions/Note.	
BE9NO - 1HG: FA-1-D	BNW18	2030	G	Water	X	N 2	-								Rivsate	Blank	
BEC28-TAG FA-6-D	13NOV/8	1500	6	Water	M	NZ	2				П						\neg
BEC29-TAG: FA-Z-D	13/W18	1610	6	Water	NI	NZ	2	П								NII	\neg
BEC30-TAG: FA-3-D	13/10018	1420	6	Water	N	NZ		\Box			\top	\top					\dashv
BEGND - TAG: FA-1-D BEC 28 - TAG: FA-6-D BEC 29 - TAG: FA-2-D BEC 30 - TAG: FA-3-D BEC 31: - TAG: FA-4-D BEC 32-TAG: FA-5-D	13161/8	1420	G	Water	M	WZ	2	\vdash			\Box	+	\vdash				\dashv
BEC32-TAG: FA-5-D	13Nb018	1400	6	Water	M	Y 4		\forall		\vdash	+				de ld-		\dashv
				Water	Ħ	+		\vdash	+	\vdash	+	_			Ms/MsD		\dashv
				Water	H	+	++				+	+					\dashv
					Н	+	++	H	+	-	++	+	\vdash				\dashv
		-			Н	+	++-	\vdash	+-		+	-	_				\dashv
					H	+	+-	\vdash	-		+	_					
Possible Hazard Identification					Ц,	C	<u> </u>				Щ						
Non-Hazard Flammable Skin Irritant Poise	on B Unkno	wn \square_R	adiological		١		Return To	Client	ee may		e ssed ii osal By			etaine Archiv	ed longer than 1	// / / / / / / / / / / / / / / / / / /	
Deliverable Requested: I, II, III, IV, Other (specify)					S		I Instruction		Require			Lub		AIGIIIV	76 FOI	Months	\dashv
Empty Kit Relinquished by:		Date:			Time	e:		2	7		Method	of Shipm	ent:	,			\dashv
Relinquished by:	Date/Time:	18 14	130	Company USEV	0	Red	ceived by:	1	,			Date/	Time	-/11	1000	Company	\dashv
Relinquished by:	Date/Time:	0 - 1		Company	_	Red	ceived by.	1				Date/	Time:	118	100	Company	7
Relinquished by:	Date/Time:			Company		Red	ceived by:					Date/	Time:			Company	\dashv
Custody Seals Intact: Custody Seal No.:		-				Cor	oler Tempera	turale) o	C and Ott	or Por-	elen.					,,,,,	\perp
Δ Yes Δ No							лог тетпрега	1018(2)	o and Otr	iei Kemai	rks:						

TestAmerica Burlington 30 Community Drive Suite 11 South Burlington, VT 05403 Phone (802) 660-1990 Fax (802) 660-1919



Client Information Client Contact: Mr. Steven Scharf Company: New York State D.E.C. Address: G25 Broadway 12th Floor Clir; Albany State, 73; NY, 12233-7017 Phone: Po #: Callout: 136410; Site: 1 Steven.scharf@dec.ny.gov Project Name: DEC Fulton Ave (Garden City Park Indust. Sample Identification Sample Date Sample Date Time Sample Date Time Sample Date Sample Date Sample Date Project #: 46027760 Site: Sample Date Time Sample Date Time Sample Date Time Sample Date Time Sample Date Sample Date Time Sample Date Time Sample Date Time DEC 28 TAG: FA-2-P I3 Nov 18 I42 DEC 32 TAG: FA-3-P I3 Nov 18 I42 DEC 32 TAG: FA-5-P I3 Nov 18 I42 DEC 32 TAG: FA-5-P I3 Nov 18 I40 DEC 3	1 1/2-01		PM:			Carrier Tracki	ng No(s):	COC No:	IN ENVIRONMENTAL TESTIN
New York State D.E.C. Address: Address: Due Date Requested: 255 Broadway 12th Floor City Albany State, Zip: NY, 1223-7017 Phone: Email: steven.scharf@dec.ny.gov Project Anne: DEC Fulton Ave (Garden City Park Indust. Sample Identification Sample Identification Sample Identification Sample Date Time BEC 30 TAG: FA-2-P I3Nov 8 150 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 32 TAG: FA-5-P I3Nov 8 140 BEC 32 TAG: FA-5-P I3Nov 8 140 BEC 32 TAG: FA-5-P I3Nov 8 140 Determined the same of th			as, Mel	lissa				460-105457	-67527.1
New York State D.E.C. Address: 625 Broadway 12th Floor City. 625 Broadway 12th Floor City. Albany State, 2g: NY, 12233-7017 Phone: Email: Steven.scharf@dec.ny.gov Project Name: DEC Fulton Ave (Garden City Park Indust. Bample Identification BEG 28 TAG: FA-1=P I3Nov 8 150 BEC 29 TAG: FA-2-P I3Nov 8 150 BEC 30 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 32 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-4-P I3Nov 8 140 BEC 31 TAG: FA-5-P I3Nov 8 140 BEC 31 TAG: FA-6-P I3Nov 8 140 BEC 3	16-650	0 mel		aas@t	estamericainc.com			Page: Page 1 of 1	
Sample Identification Sample Identification Sample Date Sample Identification Sample Date Sample Identification Sample Date Sample Identification Identi					Analysis Re	guested		Job#:	
Albany State, Zig. Whome: Callout: 136410; Site: 1 Wo #: 150 Fulton Ave, Garder Project #: 46027760 Sample Identification Sample			- 10					Preservation	Codes:
State, Zig: NY, 12233-7017 Phone: Callout: 136410; Site: 1 Wo #: Callout: 136410; Site: 1 Wo #: Detail: Seven.scharf@dec.ny.gov Project Name: DEC Fulton Ave (Garden City Park Indust. Sample Identification Sample Identification Sample Date Time Sample Identification Sample Date Sample			- 1				1 1 1 1	A - HCL	M - Hexane
Phone: Email: Callout: 136410; Site: 1 Steven.scharf@dec.ny.gov Topicet Name: DEC Fulton Ave (Garden City Park Indust. Sample Identification Sample Identification Sample Date Time: Sample Identification Sample Date Sample Date Sample Date Sample Date Sample Date Sample Date Time BEC 28 TRG: FA-1-P 13 Nov 18 15 0 BEC 39 TRG: FA-3-P 13 Nov 18 14 0 BEC 31 TRG: FA-4-P 13 Nov 18 14 0 BEC 31 TRG: FA-4-P 13 Nov 18 14 0 BEC 32 TRG: FA-5-P 13 Nov 18 14 0 BEC 31 TRG: FA-5-P 13 Nov 18 14 0 BEC 32 TRG: FA-5-P 13 Nov 18 14 0 BEC 31 TRG: FA-5-P 14 0 BEC 31 TRG: FA-5-			1 18				1 1 1 1	B - NaOH C - Zn Acetate	
Callout: 136410; Site: 1 Callout: 136410; Site: 1 Wo #: 150 Fulton Ave, Garder Project #: 46027760 Sample Identification Identification Sample Identification Sample Identification Identification Identification Sample Identification Identificatio				(sea			1111	D - Nitric Acid E - NaHSO4	P - Na2O4S Q - Na2SO3
Sample Identification Sample Date Sample CSC THAS: FA-1-P I3Nov I8 150 BEC 28 THAS: FA-2-P I3Nov I8 150 BEC 30 THAS: FA-4-P I3Nov I8 142 BEC 31 THAS: FA-4-P I3Nov I8 142 BEC 32 THAS: FA-4-P I3Nov I8 142 BEC 32 THAS: FA-5-P I3Nov I8 140 BEC 32 THAS: FA-5-P I3Nov I8 140 BEC 32 THAS: FA-5-P I3Nov I8 140 BEC 31 THAS: FA-5-P I3Nov I8 140 BEC 32 THAS: FA-5-P I3Nov I8 140 BEC 31 THAS: FA-5-P I3Nov I8 140 BEC 31 THAS: FA-5-P I3Nov I8 140 BEC 32 THAS: FA-5-P I3Nov I8 140 BEC 31 THAS: FA-5-P I3Nov I8 140 BEC 32 THAS: FA-5-P I3Nov I8 I40 BEC 31 THAS: FA-5-P I3Nov I8 I40 BEC 32 THAS: FA-5-P I3Nov I8 I40 BEC 31 THAS: FA-5-P I3Nov I8 I40 BEC 32 THAS: FA-5-P I3Nov I8 I40 BEC 31 THAS: FA-5-P I3Nov I8 I40 BEC 32 THAS: FA-5-P I3Nov I8 I40 BEC 34 THAS: FA-5-P I3Nov I8 I40 BEC 35 THAS: FA-5-P I3Nov I8 I40 BEC 35 THAS: FA-5-P I3Nov I8 I40 BEC 36 THAS: FA-5-P I3Nov I8 I40 BEC 36 THAS: FA-5-P I3Nov I8 I40 BEC 37 THAS: FA-5-P I3Nov I8 I40 BEC 38 THAS INVENTED THA	130073			Standard List (21 Analytes)			1111	F - MeOH G - Amchlor	R - Na2S2O3 S - H2SO4
Project ## Project ## 46027760 Sample Identification Sample Identi			- S	(21				H - Ascorbic A	cid T - TSP Dodecahydrate U - Acetone
Sample Identification Sample Date Sample Date Sample Date Sample Date Time Sample Date Time Sample Date Sample Date Time Date Date/Time: Date/Time: Date/Time:	n City Park		es or	List				J - DI Water K - EDTA	V - MCAA W - pH 4-5
Sample Identification Sample Date The Sample			ple (Yes	dard				K - EDTA L - EDA	Z - other (specify)
Sample Identification Sample Date Time BEGNO - TAG: FA-1-P J3Nov/8 150 BEC28 - TAG: FA-2-P J3Nov/8 150 BEC30 - TAG: FA-3-P J3Nov/8 140 BEC31 - TAG: FA-4-P J3Nov/8 140 BEC31 - TAG: FA-5-P J3Nov/8 140 BEC32 - TAG: FA-3-P J3Nov/8 140 BEC31 -			amp	, Star					
Sample Identification Sample Date Time BEGNO - TAG: FA-1-P J3Nov/8 150 BEC28 - TAG: FA-2-P J3Nov/8 150 BEC30 - TAG: FA-3-P J3Nov/8 140 BEC31 - TAG: FA-4-P J3Nov/8 140 BEC31 - TAG: FA-5-P J3Nov/8 140 BEC32 - TAG: FA-3-P J3Nov/8 140 BEC31 -	Sample Type ple (C=comp,	Matrix (W=water, S=solid,	ld Filtered S form MS/MS	PFC_IDA - PFAS,			Total I		0
Dec 29 - TAG: FA-2-P 3Nov 8 16 BEC 30 - TAG: FA-3-P 13Nov 8 14 2 2 2 2 2 2 2 2 2	ne G≔grab)	BT=Tissue, A=Air)	Fiel Per	PFC				Specia	I Instructions/Note:
Dec 29 - TAG: FA-2-P 3Nov 8 16 BEC 30 - TAG: FA-3-P 13Nov 8 14 2 2 2 2 2 2 2 2 2	Preserva	ation Code:	\bowtie	N				C C C C C C C C C C C C C C C C C C C	il iliati detiona/Note.
Dec 29 - TAG: FA-2-P 3Nov 8 16 BEC 30 - TAG: FA-3-P 13Nov 8 14 2 2 2 2 2 2 2 2 2	30 G	Water	П	2				Ringade	Ri. L
Dec 29 - TAG: FA-2-P 3Nov 8 16 BEC 30 - TAG: FA-3-P 13Nov 8 14 2 2 2 2 2 2 2 2 2	00 6	Water	П	2				T. IMPORT	Diane
Dec 30 TAG: FA-3-P 13Nov 18 142 PEC 31 TAG: FA-4-P 13Nov 18 142 BEC 32 TAG: FA-5-P 13 Nov 18 140 Described Planard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Input Kit Relinquished by: Detertine Detertine: Detertine	10 G	Water	\vdash	2	++++				
Describle Hazard Identification Non-Hazard Flammable Skin Irritent Poison B Unknown Input Kit Relinquished by: Date/Time: Date/Time: Date/Time: Date/Time:		Water	\vdash	2		\vdash			
possible Hazard Identification Non-Hazard Flammable Skin Irritent Poison B Unknown Input Kit Relinquished by: Date/Time: Date/Time: Date/Time:		Water	\vdash	2					
Desible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B Unknown Illiverable Requested: I, II, III, IV, Other (specify) Imputished by: Date/Time: Date/Time: Date/Time:		Water	H	4	++++	++-		1 10/1	
Non-Hazard Flammable Skin Irritant Poison B Unknown pliverable Requested: I, II, III, IV, Other (specify) ppty Kit Relinquished by: Date/Time: Date/Time: Date/Time:	0 6	Water	\vdash	7	++++	\vdash		MS/MS	D
Non-Hazard Flammable Skin Irritant Poison B Unknown pliverable Requested: I, II, III, IV, Other (specify) ppty Kit Relinquished by: Date/Time: Date/Time: Date/Time:		1,120,000,000	Н-	\vdash	+				
Non-Hazard Flammable Skin Irritant Poison B Unknown pliverable Requested: I, II, III, IV, Other (specify) ppty Kit Relinquished by: Date/Time: Date/Time: Date/Time:		Water	\perp						
Non-Hazard Flammable Skin Irritant Poison B Unknown apply Kit Relinquished by: Date/Time: Date/Time: Date/Time:									
Non-Hazard Flammable Skin Irritant Poison B Unknown apply Kit Relinquished by: Date/Time: Date/Time: Date/Time:									
Non-Hazard Flammable Skin Irritant Poison B Unknown apply Kit Relinquished by: Date/Time: Date/Time: Date/Time:			\top	\vdash		+		-	
mpty Kit Relinquished by: Date/Time: Date/Time: Date/Time: Date/Time:			Sar	mple L	Disposal (A fee may be a	ssessed if s	amples are retain	ned longer the	n d month)
mpty Kit Relinquished by: Date: Date: Date: Date: Date:	□ _{Radiological}		1 -	-Ret	urn To Client	sposal By La	ab Arch	nive For	Months
Date/Time: Date/Time: /// Date/Time: /// Date/Time: /// Date/Time: /// Date/Time: Date/Time: // D			Spe	ecial In	structions/QC Requiremen	its:			World
Inquished by: Date/Time:			Time:		//	Method of	Shipment:	1	
Inquished by: Date/Time:	420	SEPH 15EPH	1	Receive	ed by:		Date/Ume: 18	1500	Company
100000000000000000000000000000000000000	C	Company		Receive	ed by:		11/11/1	1 000	7/0
linquished by: Date/Time:							Date/Tithet		Company
Subject of the subjec	C	Company		Receive	ed by:		Date/Time:		Company
Custody Seals Intact: Custody Seal No.:	1			Cooler	Temperature(s) °C and Other Re	marks:		THE PERSON NAMED IN	