TABLE 1C
Sensitive Receptor Shallow Soil PFA Sampling - 14 Cross Road
Former Textiles Coated International, Inc. Facility
Amherst, New Hampshire
NHDES Site No. 201605022, DES Project No. 36782

			Boring ID	C-1								C-2				C-3							
			Sample Depth	0"-6"		6"-12"		12"-18"		18"-24"		0"-6"		6"-12"		0"-6"		6"-12"		12"-18"		18"-24"	
			Sample ID	C-1 0"-6"		C-1 6"-12"		C-1 12"-18"		C-1 18"-24"		C-2 0"-6"		C-2 6"-12"		C-3 0"-6"		C-3 6"-12"		C-3 12"-18"		C-3 18"-24"	
			Collection Date	8/31/16		8/31/16		8/31/16		8/31/16		8/31/16		8/31/16		8/31/16		8/31/16		8/31/16		8/31/16	
PFAS Name	**Acronym**	**DCRB S-1 (ng/g)**	**LOQ (ng/g)**	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)
Perfluorobutanesulfonate	*PFBS*	N/A	1.6	ND	0.54	ND	0.53	ND	0.51	ND	0.52	ND	0.53	ND	0.53	ND	0.52	ND	0.53	ND	0.52	ND	0.52
Perfluorodecanoic acid	*PFDA*	N/A	0.4	ND	0.22	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21
Perfluorododecanoic acid	*PFDoA*	N/A	0.8	ND	0.43	ND	0.42	ND	0.41	ND	0.42	ND	0.42	ND	0.43	ND	0.42	ND	0.43	ND	0.42	ND	0.41
Perfluoroheptanoic acid	*PFHpA*	N/A	0.6	ND	0.32	ND	0.32	ND	0.31	ND	0.31	ND	0.32	ND	0.32	ND	0.31	ND	0.32	ND	0.31	ND	0.31
Perfluorohexanesulfonate	*PFHxS*	N/A	1.6	ND	0.54	ND	0.53	ND	0.51	ND	0.52	ND	0.53	ND	0.53	ND	0.52	ND	0.53	ND	0.52	ND	0.52
Perfluorohexanoic acid	*PFHxA*	N/A	0.4	**0.35 J**	0.22	**0.21 J**	0.21	ND	0.21	**0.21 J**	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21
Perfluorononanoic acid	*PFNA*	N/A	0.4	ND	0.22	ND	0.21	ND	0.21	ND	0.21	**0.22 J**	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21	ND	0.21
Perfluoro-octanesulfonate	*PFOS*	500	1.6	**1.1 J**	0.76	**0.81 J**	0.74	ND	0.72	ND	0.73	**1.6 J**	0.74	ND	0.75	ND	0.73	ND	0.74	ND	0.73	ND	0.72
Perfluorooctanoic acid	*PFOA*	500	0.6	ND	0.32	ND	0.32	ND	0.31	ND	0.31	ND	0.32	**1.1**	0.32	ND	0.31	ND	0.32	**0.64**	0.31	ND	0.31
Perfluorotetradecanoic acid	*PFTA*	N/A	0.8	ND	0.32	ND	0.32	ND	0.31	ND	0.31	ND	0.32	ND	0.32	ND	0.31	ND	0.32	ND	0.31	ND	0.31
Perfluorotridecanoic acid	*PFTrDA*	N/A	1.2	ND	0.65	ND	0.64	ND	0.62	ND	0.62	ND	0.63	ND	0.64	ND	0.62	ND	0.64	ND	0.63	ND	0.62
Perfluoroundecanoic acid	*PFUnA*	N/A	0.6	ND	0.32	ND	0.32	ND	0.31	ND	0.31	ND	0.32	ND	0.32	ND	0.31	ND	0.32	ND	0.31	ND	0.31

			Boring ID	C-4				C-5			
			Sample Depth	0"-6"		6"-12"		0"-6"		6"-12"	
			Sample ID	C-4 0"-6"		C-4 6"-12"		C-5 0"-6" [DUP_083116]		C-5 6"-12"	
			Collection Date	8/31/16		8/31/16		8/31/16		8/31/16	
PFAS Name	**Acronym**	**DCRB S-1 (ng/g)**	**LOQ (ng/g)**	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)	Dry Result (ng/g)	Dry MDL (ng/g)
Perfluorobutanesulfonate	*PFBS*	N/A	1.6	ND	0.51	ND	0.62	ND [ND]	0.55 [0.54]	ND	0.54
Perfluorodecanoic acid	*PFDA*	N/A	0.4	ND	0.21	ND	0.25	ND [ND]	0.22 [0.22]	ND	0.22
Perfluorododecanoic acid	*PFDoA*	N/A	0.8	ND	0.41	ND	0.50	ND [ND]	0.44 [0.44]	ND	0.44
Perfluoroheptanoic acid	*PFHpA*	N/A	0.6	ND	0.31	ND	0.37	ND [ND]	0.33 [0.33]	ND	0.33
Perfluorohexanesulfonate	*PFHxS*	N/A	1.6	ND	0.51	ND	0.62	ND [ND]	0.55 [0.54]	ND	0.54
Perfluorohexanoic acid	*PFHxA*	N/A	0.4	ND	0.21	ND	0.25	**0.53** [ND]	0.22 [0.22]	**0.33 J**	0.22
Perfluorononanoic acid	*PFNA*	N/A	0.4	**0.28 J**	0.21	ND	0.25	**0.23 J [0.29 J]**	0.22 [0.22]	ND	0.22
Perfluoro-octanesulfonate	*PFOS*	500	1.6	**1.5 J**	0.72	ND	0.87	ND **[1.4 J]**	0.77 [0.76]	ND	0.76
Perfluorooctanoic acid	*PFOA*	500	0.6	ND	0.31	ND	0.37	**0.74 [0.44 J]**	0.33 [0.33]	ND	0.33
Perfluorotetradecanoic acid	*PFTA*	N/A	0.8	ND	0.31	ND	0.37	ND [ND]	0.33 [0.33]	ND	0.33
Perfluorotridecanoic acid	*PFTrDA*	N/A	1.2	ND	0.62	ND	0.74	ND [ND]	0.66 [0.65]	ND	0.65
Perfluoroundecanoic acid	*PFUnA*	N/A	0.6	ND	0.31	ND	0.37	ND [ND]	0.33 [0.33]	ND	0.33

Notes:
1. Samples were collected by GZA GeoEnvironmental (GZA) on the dates indicated above and analyzed for per- and ploy-fluorinated alkyl substances (PFASs) following USEPA Method 537 Revision 1.1 modified by Eurofins Lancaster Laboratories, LLC.
2. Samples were generally collected with a hand auger from the depths indicated. Soil was placed in a stainless steel bowl and homogenized with a stainless steel spoon prior to filling laboratory-provided containers with aliquots of the homogenized soil.

Abbreviations:
ng/g - nanograms per gram
MDL - Method Detection Limit
LOQ - Limit of Quantitation
ND indicates that analyte was not detected above the laboratory MDL.
J indicates result is an estimated value greater than or equal to the MDL but less than the LOQ.
Bold font indicates analyte was detected above the MDL.
[Bracket] results provide the results of field duplicate samples collected by GZA.
DCRB S-1 - The New Hampshire Department of Environmental Services (NHDES) Environmental Health Program (EHP) direct contact risk-based soil screening level concentration.
N/A - Not applicable

DRAFT

SOURCE

1) THIS MAP CONTAINS THE ESRI ArcGIS ONLINE BING MAPS AERIAL LAYER PACKAGE, PUBLISHED DECEMBER 1, 2010 BY ESRI ARCIMS SERVICES AND UPDATED MONTHLY. THIS SERVICE USES UNIFORM NATIONALLY RECOGNIZED DATUM AND CARTOGRAPHY STANDARDS AND A VARIETY OF AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

2) SAMPLE LOCATIONS WERE MARKED USING A GARMIN GPSMAP 60CSX UNIT AT THE TIME OF SAMPLE COLLECTION. POINTS ARE ACCURATE TO APPROXIMATELY 10 FEET.

3) PROPERTY BOUNDARIES WERE OBTAINED FROM THE NASHUA REGIONAL PLANNING COMMISSION (NRPC) GIS PROGRAM, PUBLISHED ON FEBRUARY 3, 2016 AND OBTAINED ON JUNE 28, 2016.

NOTES

1) ALL LOCATIONS ARE CONSIDERED TO BE APPROXIMATE.

Legend

C-1 SOIL SAMPLING LOCATION AND IDENTIFICATION

PROPERTY BOUNDARY

N W E S

0 100 200 400
SCALE IN FEET

DRAFT

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR THE USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA, ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWINGS BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

SURFACE SOIL SAMPLING LOCATIONS
FORMER TCI, INC. FACILITY
AMHERST, NH

14 CROSS ROAD

PREPARED BY:
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PREPARED FOR:
TEXTILES COATED INTERNATIONAL, INC.
MANCHESTER, NH

PROJ MGR: DMT	REVIEWED BY: SRL	CHECKED BY: MAM	FIGURE
DESIGNED BY: KCM	DRAWN BY: KCM	SCALE: 1 " = 200 FEET	1
DATE: OCTOBER 2016	PROJECT NO. 04.0190503.02	REVISION NO. 0	SHEET NO. 1 OF 1

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