



How Do We Samp	le PFAS?			4	TRC
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		Technical Guidance Dec			
GENERAL PFAS SAMPLING GUIDANCE	Michigan Department of Environmental Quality	Invasi PHL Letaing Balance Result (scher 10, pro- Scher 10, pro- s	Hereit Berring Berring Hereiter Der Kannen Mehren von Neut Hander TC 2018 Ferrere Hander TC 2018 Ferrere Hander TC 2018 Ferrere Hander Handers Hander State State Hander State State State Hander State State State Hander State State Hander State State Hander State State State Hander State State State Hander State State State State Hander State State State State Hander State State State State Hander State State State State State Hander State State State State State State Hander State State State State State State State Hander State Stat	The second secon	Extendence Prist Level of Goldense Type-and The for 2019
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PFAS Sampling Dos and Don'ts	
WHAT SHOULD I AVOID?	USE INSTEAD
Passive diffusion bags (PDBs)	
LDPE Hydrasleeves	✓ HDPE Hydrasleeves
Post-It notes during sample handling	
Blue Ice® (chemical ice packs)	✓ Regular ice in Ziploc [®] bags
Waterproof field books, plastic clipboards and spiral bound notebooks	 Field notes recorded on loose paper Field forms maintained in aluminum or Masonite clipboards
Unnecessary handling of items with nitrile gloves	 Personnel collecting and handling samples should wear nitrile gloves at all times while collecting and handling samples or sampling equipment

PFAS Sampling Dos and Don'ts	
WHAT SHOULD I AVOID?	USE INSTEAD
Equipment with Teflon® (e.g., bailers, tubing, parts in pump) during sample handling or mobilization/demobilization	 High density polyethylene (HDPE) or silicone tubing/materials in lieu of Teflon[®]
Low-density polyethylene (LDPE) or glass sample containers or containers with Teflon-lined lids	 HDPE or polypropylene containers for sample storage HDPE or polypropylene caps
Tyvek® suits and waterproof boots	 Clothing made of cotton preferred Boots made with polyurethane and polyvinyl chloride (PVC)
Waterproof labels for sample bottles	 Paper labels with clear tape
Sunscreens, insect repellants	✓ Products that are 100% natural, DEET
Sharpies	✓ Ballpoint pens
Aluminum foil	✓ Thin HDPE sheeting

















	Analyte	Acronym	CAS #
	4:2 Fluorotelomer sulfonic acid	4:2FTS	n/a
	6:2 Fluorotelomer sulfonic acid	6:2FTS	27619-97-2
	8:2 Fluorotelomer sulfonic acid	8:2FTS	39108-34-4
	N-methyl perfluorooctanesulfonamidoacetic acid	NEtFOSAA	2991-50-6
	N-ethyl perfluorooctanesulfonamidoacetic acid	NMeFOSAA	2355-31-9
	Perfluorooctane sulfonamide	FOSA	754-91-6
	Perfluorobutanoic acid	PFBA	375-22-4
RL = 2 ng/L	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorononanesulfonic acid	PFNS	68259-12-1
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorooctanesulfonic acid	PFOS	1763-23-1
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluoropentanesulfonic acid	PFPeS	2706-91-4
	Perfluorotetradecanoic acid	PFTeDA	376-06-7
ATOC	Perfluorotridecanoic acid	PFTrDA	72629-94-8
	Perfluoroundecanoic acid	PFUnA	2058-94-8





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Questions?			
Elizabeth Denly, ASQ CMQ/C Program Director – TRC's PFAS Gro P: (978) 656-3577 E: EDenly@trccom www.trccompanies.com	DE oup Ipanies.com		
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