# APPENDIX J HAZARDOUS MATERIALS, SOLID WASTE, AND POLLUTION PREVENTION

This appendix contains background material, which supplements the material contained in Section 5.10, Hazardous Materials, Solid Waste, and Pollution Prevention of Affected Environment and Environmental Consequences. This appendix consists of the following sections:

- Attachment J-1: Underground Storage Tanks Located at O'Hare
- Attachment J-2: Open Leaking Underground Storage Tank Incidents at O'Hare
- Attachment J-3: C&D Debris Disposal and PFAS Memo

Appendix J J-1 NOVEMBER 2022

### **ATTACHMENT J-1**

# UNDERGROUND STORAGE TANKS LOCATED AT O'HARE

#### UNDERGROUND STORAGE TANKS LOCATED AT O'HARE INTERNATIONAL AIRPORT

	D2 0000 D3	10 mm	Facility	Tank	Date	ST-50 19 SSS	Motor Fuel Permit Expiration	ASS IS	Tank Capacity
Owner Name	Facility Name	Facility Address	Status	ID_	Installed	Tank Status	Date	Product	(Gal)
American Airlines, Inc.	American Airlines - O'Hare IAP	Hangar Area (Hgr.1) Bld. 726	Active	ī	3/1/1991	Currently in use Currently in	12/31/2023	Gasoline - Regular	20,000
American Airlines, Inc.	American Airlines - O'Hare IAP	Hangar Area (Hgr.1) Bld. 726	Active	2	3/1/1991	use	12/31/2023	Diesel Fuel	20,000
American Airlines, Inc.	American Airlines - O'Hare IAP	Hangar Area (Hgr.1) Bld. 726	Active	3		Unknown Currently in	12/31/2023	Glycol	20,000
Chicago Department of Aviation	ARFF Station 1	O'Hare Airport Bldg. 602	Active	ī	2/26/1998	use Currently in		Diesel Fuel	2,500
Chicago Department of Aviation	ATS Maintenance & Storage Facility	O'Hare Airport Bldg. 522 10000 Bessie Coleman Dr. O'Hare	Active	1	1/1/1993	use	12/31/2023	Diesel Fuel	550
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	1	1/1/1972	Removed	12/31/2023	Gasoline	10,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	2	1/1/1972	Removed	12/31/2023	Gasoline	10,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	3	1/1/1972	Removed	12/31/2023	Gasoline	10,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	4	1/1/1972	Removed	12/31/2023	Gasoline	10,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	5	1/1/1972	Removed	12/31/2023	Gasoline	10,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport	Active	6	1/1/1972	Removed	12/31/2023	Diesel Fuel	10,000
		10000 Bessie Coleman Dr. O'Hare						Non	
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	7	1/1/1972	Removed	12/31/2023	Regulated	1,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	8		Removed	12/31/2023	Motor Oil	1,500
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	9	1/1/1972	Removed	12/31/2023	Used Oil Ethylene	1,500
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	10	1/1/1972	Removed	12/31/2023	Glycol	850
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport 10000 Bessie Coleman Dr. O'Hare	Active	11	1/1/1972	Removed	12/31/2023	Motor Oil Transmissi	6,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	International Airport	Active	12	1/1/1972	Removed	12/31/2023	on Oil	850
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	10000 Bessie Coleman Dr. O'Hare International Airport	Active	13	9/18/1998	Currently in use	12/31/2023	Gasoline - Regular	12,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	10000 Bessie Coleman Dr. O'Hare International Airport	Active	14	9/18/1998	Currently in use	12/31/2023	Gasoline - Regular	12,000

Owner Name	Facility Name	Facility Address	Facility Status	Tank ID	Date Installed	Tank Status	Motor Fuel Permit Expiration Date	Product	Tank Capacity (Gal)
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	10000 Bessie Coleman Dr. O'Hare International Airport	Active	15	9/18/1998	Currently in use	12/31/2023	Gasoline - Regular	12,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	10000 Bessie Coleman Dr. O'Hare International Airport	Active	16	9/18/1998	Currently in use	12/31/2023	Gasoline - Regular	12,000
Avis Rent A Car System, Inc.	Avis Rent-A-Car System, Inc.	10000 Bessie Coleman Dr. O'Hare International Airport	Active	17	9/18/1998	Currently in use Currently in	12/31/2023	Diesel Fuel	12,000
Chicago Department of Aviation	Bessie Coleman Lift Station	O'Hare Airport Bldg. 903	Active	1	2/16/1993	use		Diesel Fuel	1,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	1	7/16/2019	Currently in use	12/31/2022	Diesel Fuel	20,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	2	7/16/2019	Currently in use	12/31/2022	Gasoline - Regular	12,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	3	7/16/2019	Currently in use	12/31/2022	Gasoline - Regular	12,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	4	7/16/2019	Currently in use	12/31/2022	Gasoline - Premium	8,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	5	7/16/2019	Currently in use	12/31/2022	Diesel Exhaust Fluid (Non- Regulated)	8,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	6	7/16/2019	Currently in use	12/31/2022	Diesel Fuel	8,000
Chicago Travel Plaza LLC.	Chicago Travel Plaza LLC.	Building 840 O'Hare International Airport	Active	7	7/16/2019	Currently in use Currently in	12/31/2022	E-85	12,000
Chicago Department of Aviation Enterprise Leasing Company of Chicago,	East Airfield Lighting Control Vault	O'Hare Airport, Bldg. 888 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	1	6/12/2019	use		Diesel Fuel	8,000
LLC	EHI-15CC-Admin	O'Hare Field	Active	1	1/1/1983	Removed	12/31/2022	Gasoline	12,000

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			Facility	Tank	Date		Motor Fuel Permit Expiration		Tank Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status	Date	Product	(Gal)
Enterprise Leasing Company of Chicago, LLC Enterprise Leasing Company of Chicago,	EHI-15CC-Admin	580 Bessie Coleman Drive/ Bldg. 580 Chicago O'Hare Field 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	2	1/1/1983	Removed	12/31/2022	Gasoline	12,000
LLC Enterprise Leasing Company of Chicago,	EHI-15CC-Admin	O'Hare Field 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	3	1/1/1983	Removed	12/31/2022	Gasoline	12,000
LLC	EHI-15CC-Admin	O'Hare Field	Active	4	1/1/1983	Removed	12/31/2022	Diesel Fuel	12,000
Enterprise Leasing Company of Chicago, LLC	EHI-15CC-Admin	580 Bessie Coleman Drive/ Bldg, 580 Chicago O'Hare Field	Active	5		Removed	12/31/2022	New Oil	2,000
Enterprise Leasing Company of Chicago, LLC	EHI-15CC-Admin	580 Bessie Coleman Drive/ Bldg. 580 Chicago O'Hare Field	Active	6		Removed	12/31/2022	Used Oil	2,000
Enterprise Leasing Company of Chicago, LLC Enterprise Leasing Company of Chicago,	EHI-15CC-Admin	580 Bessie Coleman Drive/ Bldg. 580 Chicago O'Hare Field 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	7		Removed	12/31/2022	Solvent - Regulated	2,000
LLC Enterprise Leasing Company of Chicago,	EHI-15CC-Admin	O'Hare Field 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	8	1/1/1983	Removed Currently in	12/31/2022	Heating Oil Gasoline -	4,000
LLC Enterprise Leasing Company of Chicago,	EHI-15CC-Admin	O'Hare Field 580 Bessie Coleman Drive/ Bldg. 580 Chicago	Active	9	11/20/2019	use Does Not	12/31/2022	Regular Gasoline -	15,000
LLC	EHI-15CC-Admin	O'Hare Field	Active	10		Exist Currently in	12/31/2022	Regular	15,000
Federal Aviation Administration	FAA ABU NASEB 27R ALSF-II	O'Hare Airport Building 018	Active	1	12/27/2007	use		Diesel Fuel	1,000
Federal Aviation Administration	FAA ABU NASEB 27R ALSF-II	O'Hare Airport Building 018	Active	2		Removed Currently in		Fuel Oil	1,500
Federal Aviation Administration	FAA IZI NASEB 10R ALSF-II	O'Hare Airport Building 078	Active	1	8/28/2014	use Currently in		Diesel Fuel	1,000
Federal Aviation Administration	FAA MED NASEB 10L ALSF-II	O'Hare Airport Building 006	Active	1	3/10/2008	use		Diesel Fuel	1,000
Federal Aviation Administration	FAA MED NASEB 10L ALSF-II	O'Hare Airport Building 006	Active	2		Removed Currently in		Fuel Oil	200
Federal Aviation Administration	FAA ORDB ATCT South Tower	O'Hare Airport Building 635	Active	1	12/11/2013	use Currently in		Diesel Fuel	8,000
Federal Aviation Administration	FAA SAJ NASEB 09L ALSF-II	O'Hare Airport Building 016	Active	1	1/10/2008	use		Diesel Fuel	1,000
Federal Aviation Administration	FAA SXH NASEB 10C ALSF-II	O'Hare Airport Building 034	Active	1	2/13/2013	Currently in use Currently in		Diesel Fuel	1,000
Federal Aviation Administration	FAA TSL NASEB 28R ALSF-II	O'Hare Airport Building 092	Active	1	6/30/2005	use Currently in		Diesel Fuel	1,000
Federal Aviation Administration	FAA VQX NASEB 28L ALSF-II	O'Hare Airport Building 079	Active	1	10/14/2014	use		Diesel Fuel	1,000
Federal Aviation Administration	FAA VZE NASEB 28C ALSF-II	O'Hare Airport Building 032	Active	1	5/17/2013	Currently in use Currently in		Diesel Fuel Gasoline -	1,000
Federal Express Corporation	FedEx Maintenance Facility Bldg. 633	FedEx #633 West OHare Street	Active	1	6/25/2009	use	12/31/2023	Regular	4,000

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			Facility	Tank	Date		Motor Fuel Permit Expiration		Tank Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status	Date	Product	(Gal)
Federal Express Corporation City of Chicago Department of	FedEx Maintenance Facility Bldg. 633	FedEx #633 West OHare Street	Active	2	6/25/2009	Currently in use	12/31/2023	Diesel Fuel	12,000
Fleet and Facility Management City of Chicago Department of	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	1	1/1/1986	Removed	12/31/2023	Diesel Fuel	20,000
Fleet and Facility Management City of Chicago Department of	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	2	1/1/1986	Removed	12/31/2023	Diesel Fuel	20,000
Fleet and Facility Management	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	3	1/1/1986	Removed	12/31/2023	Gasoline	20,000
City of Chicago Department of Fleet and Facility Management	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	4	9/26/1994	Currently in use	12/31/2023	Gasoline - Regular	20,000
City of Chicago Department of Fleet and Facility Management City of Chicago Department of	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	5	9/26/1994	Currently in use Currently in	12/31/2023	Diesel Fuel	20,000
Fleet and Facility Management	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	6	9/26/1994	use	12/31/2023	Diesel Fuel	20,000
City of Chicago Department of Fleet and Facility Management	FS007 O'Hare Airport AMC	10000 W. Montrose Ave.	Active	7	9/21/2020	Currently in use	12/31/2023	Diesel Fuel	20,000
Chicago Department of Aviation	Fuel Truck Rack Facility	O'Hare Airport Bldg. 116	Active	1	7/31/2019	Currently in use	12/31/2022	Gasoline - Regular	25,000
Chicago Department of Aviation	Fuel Truck Rack Facility	O'Hare Airport Bldg. 116	Active	2	7/31/2019	Currently in use	12/31/2022	Diesel Fuel	25,000
Chicago Department of Aviation	Fuel Truck Rack Facility	O'Hare Airport Bldg. 116	Active	3		Unknown Currently in	12/31/2022	Oil/Water Separator	17,500
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	1	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	2	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	3	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	4	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	5	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg, 450	Active	6	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	7	1/1/1976	use Currently in		Diesel Fuel	20,000
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	8	1/1/1976	use		Diesel Fuel	20,000

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Owner Name	Facility Name	Facility Address	Facility Status	Tank ID	Date Installed	Tank Status	Motor Fuel Permit Expiration Date	Product	Tank Capacity (Gal)
Chicago Department of Aviation	H & R Building	O'Hare Airport Bldg. 450	Active	9	10/22/1997	Currently in use		Used Oil	2,500
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	1		Removed	12/31/2023	Gasoline	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	2		Removed	12/31/2023	Gasoline	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	3		Removed	12/31/2023	Gasoline	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	4		Removed	12/31/2023	Gasoline	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	5		Removed	12/31/2023	Diesel Fuel	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	6		Removed	12/31/2023	Used Oil	4,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	7		Removed	12/31/2023	New Oil	6,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	8		Removed	12/31/2023		1,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	9	8/1/1994	Removed	12/31/2023	Diesel Fuel	10,000
Hertz Corporation	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	10	4/1/1994	Currently in use	12/31/2023	Gasoline - Regular	20,000
Hertz Corporation Northwest Suburban Municipal Joint	Hertz Rent A Car	10000 Bessie Coleman Dr	Active	11	4/1/1994	Out of service Currently in	12/31/2023	Gasoline - Regular	20,000
Action Water Agency Northwest Suburban Municipal Joint	Main Pumping Station	10007 W. Bryn Mawr Ave.	Active	1	1/1/1985	use Currently in		Diesel Fuel	8,000
Action Water Agency	Main Pumping Station	10007 W. Bryn Mawr Ave.	Active	2	1/1/1985	use		Used Oil	560
Chicago Department of Aviation	Multi-Modal Facility	O'Hare Airport Bldg. 820	Active	1	9/15/2016	Currently in use	12/31/2022	Gasoline - Regular	25,000
Chicago Department of Aviation	Multi-Modal Facility	O'Hare Airport Bldg. 820	Active	2	9/15/2016	Currently in use	12/31/2022	Gasoline - Regular	25,000
Chicago Department of Aviation	Multi-Modal Facility	O'Hare Airport Bldg. 820	Active	3	9/15/2016	Currently in use	12/31/2022	Gasoline - Regular	25,000
Chicago Department of Aviation	Multi-Modal Facility	O'Hare Airport Bldg. 820	Active	4		Unknown	12/31/2022	Unknown	5,000
Chicago Department of Aviation	North Airfield Lighting Control Vault	O'Hare Airport Bldg. 721	Active	1	3/4/2008	Installed/No t in Use		Waste Oil	600

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							Motor Fuel		Tank
			Facility	Tank	Date		Permit Expiration		Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status	Date	Product	(Gal)
Chicago Department of Aviation	North Airfield Lighting Control Vault	O'Hare Airport Bldg, 721	Active	2	3/4/2008	Currently in use		Diesel Fuel	8,000
Chicago Department of Aviation	North Airfield Lighting Control Vault	O'Hare Airport Bldg. 721	Active	3	8/6/1997	Removed Currently in		Diesel Fuel	4,000
Federal Aviation Administration	O'Hare FAA 27C ALSF NAVAIDS	10000 W. O'Hare Street	Active	1	9/11/2019	use Currently in		Diesel Fuel	1,000
Federal Aviation Administration	O'Hare FAA 9C ALSF NAVAIDS O'Hare FedEx Cargo Sort Building/General	10000 W. O'Hare Street Bldg 041	Active	1	9/13/2019	use Currently in		Diesel Fuel	1,000
Federal Express Corporation	Bldg. 631 O'Hare FedEx Cargo Sort Building/General	10,000 W. O'Hare Street Fed Ex #631	Active	1	10/13/2009	use Currently in		Diesel Fuel	10,000
Federal Express Corporation	Bldg. 631	10,000 W. O'Hare Street Fed Ex #631	Active	2	10/13/2009	use Currently in		Diesel Fuel	10,000
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg. 790	Active	1	11/1/1989	use		Used Oil	1,200
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg, 790	Active	2	2/1/1986	Removed		Oil/Water Separator	5,000
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg, 790	Active	3	2/1/1986	Currently in use		Oil/Water Separator	10,000
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg, 790	Active	4	7/1/1996	Currently in use		Oil/Water Separator	20,000
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg. 790	Active	5	12/15/2017	Currently in use Currently in		Oil/Water Separator	20,000
Chicago Department of Aviation	O'Hare Fueling System NW Fuel Farm	O'Hare Airport Bldg. 790	Active	6	8/14/2019	use Currently in		Used Oil Gasoline -	5,000
American Airlines, Inc.	O'Hare International Airport (AAGSE495)	10000 W. O'Hare Airport	Active	1	8/17/2015	use Currently in	12/31/2023	Regular	20,000
American Airlines, Inc.	O'Hare International Airport (AAGSE495) O'Hare International Airport	10000 W. O'Hare Airport	Active	2	8/25/2015	use	12/31/2023	Diesel Fuel	20,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	1	6/1/1984	Moved		Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	2	6/1/1984	Moved		Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	3	6/1/1984	Moved		Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	4	6/1/1984	Moved		Jet A	50,000

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			Facility	Tank	Date	Moto Permit E	r Fuel xpiration		Tank Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed		TO THE PROPERTY OF THE PARTY OF	Product	(Gal)
and the second second	O'Hare International Airport	,							
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	5	6/1/1984	Moved		Jet A	50,000
,	O'Hare International Airport								(0.0)
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	6	6/1/1984	Moved		Jet A	50,000
	O'Hare International Airport				a 183				24
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	7	6/1/1984	Moved		Jet A	50,000
, 5, .	O'Hare International Airport	•			12.00				50
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	8	6/1/1984	Moved		Jet A	50,000
	O'Hare International Airport	and the second of the second o							
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	9	6/1/1984	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	10	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	11	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	12	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	13	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	14	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	15	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	16	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	17	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	18	3/1/1986	Moved		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	19		Removed		Jet A	50,000
	O'Hare International Airport	and the second second	W. 1960	renan				D 01 000	101010010101
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	20		Removed		Jet A	50,000
69 (60) (8 ) (8 )	O'Hare International Airport	2 111 200	8.09	24		2		0.0.0	F0 000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	21		Removed		Jet A	50,000
cu foli /p · fair	O'Hare International Airport	D : []:	117 <b>4</b> 70.0 <b>11.</b> 170.0001	22		December 1		Tarana and a	F0 000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	22		Removed		Jet A	50,000
City of China and Double of Assistan	O'Hare International Airport	DI.J.: 000	Active	23		Removed		Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	25		Kemovea		Jet A	50,000
	O'Hare International Airport							Ethylene	
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	24	6/1/1984	Removed		Glycol	50,000
盘 帮 帮	war our manner	5025						200	
control of the state of the sta	O'Hare International Airport	D :11: 000	20000000	25	c (a (a co c :	D 1		Ethylene	F0.000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	25	6/1/1984	Removed		Glycol	50,000
City of Chicago / Dont of Aviation	O'Hare International Airport	Puilding 000	: المرا	26	6/1/1004	Removed		lot ^	1.000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	20	6/1/1984	Kellioved		Jet A	1,000

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							Motor Fuel		Tank
			Facility	Tank	Date		Permit Expiration		Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status	Date	Product	(Gal)
omer name	O'Hare International Airport	- I demity Fladi 055			motania	- Tank Status	Date		1001/
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	27	6/1/1984	Removed		Jet A	1,000
city of circugo, bept. of Aviation	O'Hare International Airport	building 505	netive		0/1/1504	nemoved		Oil/Water	1,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	28	6/1/1986	Moved		Separator	5,000
on, or omenge, popular minutes	O'Hare International Airport	5	7100110		-, -,			Oil/Water	-,
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	29	6/1/1986	Moved		Separator	25,000
, 5, ,	O'Hare International Airport	•			2 120				50
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	30	11/1/1989	Moved		Used Oil	1,000
Secretary Their Budgersector Trees, contract processes to consider an extension	O'Hare International Airport	Supplementary and Supplementary							10-200000000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	31	6/1/1984	Removed		Jet A	1,500
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	32	6/1/1984	Removed		Gasoline	20,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	33	2/1/1986	Removed		Gasoline	20,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	34	2/1/1986	Removed		Gasoline	20,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	35	2/1/1986	Removed		Gasoline	20,000
	O'Hare International Airport	10/0			2.11	Currently in			
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	36	6/1/1986	use		Jet A	5,000
	O'Hare International Airport		(1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470) - 1470)			Currently in		*********	
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	37	6/1/1986	use		Jet A	20,000
e: (a): (b : (4::::	O'Hare International Airport	D :11: 000	2.07	20	44 (4 (4 000			Ethylene	25.000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	38	11/1/1988	Removed		Glycol	25,000
City of Chicago / Doub of Aviotion	O'Hare International Airport	Bildia = 000	Active	39	4/1/1986	Removed		Ethylene	E0 000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	29	4/1/1900	Kemoved		Glycol Ethylene	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	40	4/1/1986	Removed		Glycol	50,000
city of circago, pept. of Aviation	O'Hare International Airport	building 303	Active	40	4/1/1500	Kemoved		Ethylene	30,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	41	4/1/1986	Removed		Glycol	50,000
city of circugo, Bepti of Aviation	O'Hare International Airport	banamg 303	7100100		1, 1, 1500			Ethylene	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	42	4/1/1986	Removed		Glycol	50,000
er, a street, treferre street	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	43	5/8/1986	Removed		Diesel Fuel	600
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	44	2/1/1986	Moved		Jet A	5,000
	O'Hare International Airport							Oil/Water	
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	45	2/1/1986	Moved		Separator	10,000
, , , , ,	O'Hare International Airport				A 0.40				,
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	210		Removed		Jet A	50,000
ements any printernal € of matter material independential	O'Hare International Airport	maana ahkidhaalaan 🕶 ahaanana							Account Electronics
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	211		Removed		Jet A	50,000
	O'Hare International Airport								
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	212		Removed		Jet A	50,000

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			Facility	Tank	Date	Motor Fuel Permit Expiratio	n	Tank Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status Date	Product	(Gal)
City of Chicago/ Dept. of Aviation	O'Hare International Airport Super Fuel Satellite O'Hare International Airport	Building 989	Active	213		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	214		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	215		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	216		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	217		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	218		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	219		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	220		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	235		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	236		Removed	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	237	5/1/1987	Moved	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	238	5/1/1987	Moved	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	239	5/1/1987	Moved	Jet A	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	240	5/1/1987	Moved	Jet A Oil/Water	50,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	241	7/1/1996	Moved Currently in	Separator	20,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite O'Hare International Airport	Building 989	Active	242	6/1/1960	use Does Not	Jet A	20,000
City of Chicago/ Dept. of Aviation	Super Fuel Satellite	Building 989	Active	243	6/1/1986	Exist	Jet A	5,000
Chicago Transit Authority	O'Hare Terminal	1000 O'Hare Drive	Active	1		Removed Currently in	Diesel Fuel	4,000
Chicago Transit Authority	O'Hare Terminal	1000 O'Hare Drive	Active	2	10/25/1994	use	Diesel Fuel	4,000
SBC Services/Ameritech	SBC Facility/O'Hare	Terminal Area - Bldg. 464	Active	1	5/1/1991	Currently in use Currently in	Diesel Fuel	2,500
Chicago Department of Aviation	South Airfield Lighting Control Vault	O'Hare Airport Bldg. 607	Active	1	11/13/2007	use Currently in	Diesel Fuel	25,000
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	1	9/24/2009	use	Used Oil	15,000

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							Motor Fuel		Tank
			Facility	Tank	Date	P	ermit Expiration		Capacity
Owner Name	Facility Name	Facility Address	Status	ID	Installed	Tank Status	Date	Product	(Gal)
		•				Currently in			
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	2	10/16/2009	use		Jet A	50,000
						Currently in			
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	3	10/16/2009	use		Jet A	50,000
CI. D	6 11 6 5 16 1 112	OID STATE OF THE CASE	-		10/15/2000	Currently in		TOTAL	F0 000
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	4	10/16/2009	use Currently in		Jet A	50,000
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	5	10/16/2009	use		Jet A	50,000
emeage Department or / matter	south cargo ruer sateme	o Hare Ampere Blagi o 12	,102110	5	10, 10, 2003	430		300,1	55,555
						Currently in		Oil/Water	
Chicago Department of Aviation	South Cargo Fuel Satellite	O'Hare Airport Bldg. 641	Active	6	9/24/2009	use		Separator	5,000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area C-16, Bldg. 126	Active	1	1/1/1987	Currently in use	12/31/2021	Low Sulfur Diesel	15,000
onited Allillies, Inc.	omted Airlines, Inc.	Terminar Area C-10, Blug. 120	Active	_	1/1/190/	Currently in	12/31/2021	Gasoline -	13,000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area B-2 Bldg. 122	Active	1	1/1/1987	use	12/31/2023	Regular	15,000
,	2"	<u> </u>			6. 000	Currently in	35 .5	Gasoline -	
United Airlines, Inc.	United Airlines, Inc.	Terminal Area - C15, Bldg. 126	Active	1	1/1/1987	use	12/31/2023	Regular	15,000
						Currently in			
United Airlines, Inc.	United Airlines, Inc.	Hangar Area - Service Center Bldg. 710	Active	1	3/19/2002	use	12/31/2023	Diesel Fuel	10,000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area - B22 Bldg, 124	Active	ī	2/11/2002	Currently in use	12/31/2023	Diesel Fuel	30,000
onited Airlines, Inc.	omted Airlines, Inc.	Terminar Area - 622 blug. 124	Active	1	2/11/2002	Currently in	12/51/2025	Diesei Fuei	50,000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area B-2 Bldg. 122	Active	2	1/1/1987	use	12/31/2023	Motor Oil	550
					0. (8)	Currently in	37 35	Gasoline -	
United Airlines, Inc.	United Airlines, Inc.	Hangar Area - Service Center Bldg. 710	Active	2	3/19/2002	use	12/31/2023	Regular	4,000
	as at waste at	_ , ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	21.770		10191010190101010	Currently in	monan sociole	25 82 8	000000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area - B22 Bldg. 124	Active	2	2/11/2002	use	12/31/2023	Diesel Fuel	30,000
United Airlines, Inc.	United Airlines, Inc.	Terminal Area B-2 Bldg. 122	Active	3	1/1/1987	Currently in use	12/31/2023	Motor Oil	550
onited Allillies, Inc.	omted Airlines, Inc.	Terrimar Area 6-2 Blug. 122	Active	3	1/1/1907	Currently in	12/31/2023	Gasoline -	330
United Airlines, Inc.	United Airlines, Inc. GEM Building	O'Hare Airport GEM Building #711	Active	1	8/16/2018	use	12/31/2022	Regular	10,000
,	, ,				35 85	Currently in	35 5	150	
United Airlines, Inc.	United Airlines, Inc. GEM Building	O'Hare Airport GEM Building #711	Active	2	8/16/2018	use	12/31/2022	Diesel Fuel	10,000
						Currently in			
United Airlines, Inc.	United Airlines,Inc.	11555 W. Touhy - Chirr- Bldg. 912	Active	1	1/1/1990	use		Diesel Fuel	8,000

Source: City of Chicago, Department of Aviation, from database search of Office of the Illinois State Fire Marshal, Division of Petroleum & Chemical Safety, "UST Search" Public Inquiry Webpage, https://webapps.sfm.illinois.gov/ustsearch/ (accessed October 2021). Seach requested "USTs in zip code 60666." USTs located off airport were deleted in post-processing.

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### **ATTACHMENT J-2**

## OPEN LEAKING UNDERGROUND STORAGE TANK INCIDENTS AT O'HARE

#### OPEN LEAKING UNDERGROUND STORAGE TANK INCIDENTS AT O'HARE INTERNATIONAL AIRPORT

O'Hare: Hertz Corporation (Hertz Rent A Car) O'Hare Building 566 LUST incident from 2013.	Tenant Development		
Combined with LUST 990044 for closure because of proximity and issues are related to the	IEPA LPC 0316765020	<b>Bessie Coleman Drive</b>	Chicago
same gasoline UST per IEPA.	LUST Incident 20181162		5
O'Hors. The Harty Corneration (Harty Boot & Car) O'Hors Building ECC LUCT incident from	Tenant Development		
O'Hare: The Hertz Corporation (Hertz Rent A Car) O'Hare Building 566 LUST incident from	IEPA LPC 0316765020	Bessie Coleman Drive	Chicago
2018. Incident related to former diesel UST.	LUST Incident 20181168		2018
O'Hare: The Hertz Corporation (former Dollar Rent A Car, Inc.) O'Hare Building 574 LUST	Tenant Development		
incident from 1999. Combined with LUST 20181162 for closure because of proximity and	IEPA LPC 0316765057	<b>Bessie Coleman Drive</b>	Chicago
issues are related to the same gasoline UST per IEPA.	LUST Incident 990044		2,902
O'Hara. The Hart- Corneration (former Poller Port & Car. Inc.) O'Hara I I ST incident from	Tenant Development		
O'Hare: The Hertz Corporation (former Dollar Rent A Car, Inc.) O'Hare LUST incident from	IEPA LPC 0316765020	<b>Bessie Coleman Drive</b>	Chicago
2013.	LUST Incident 20130800		
O'Hare: Enterprise Leasing Company of Chicago, LLC (former National/Alamo Site) O'Hare	Tenant Development		
Building 570 LUST incident from 1999. Vapor monitoring installation and analysis for	IEPA LPC 0316765055	Bessie Coleman Drive	Chicago
gasoline and diesel was completed in 2019 and showed that the legacy Incident 992481 was	LUST Incidents 992481,	pessie coleman prive	Chicago
connected to the recent Incident 20190216.	20190216		
O'Hare: Avis Rent A Car Systems O'Hare Building 574/568 LUST incident from 1999.	Tenant Development		
Unknown status regarding closeout of this LUST incident related to a former used oil UST.	IEPA LPC 0316765020	<b>Bessie Coleman Drive</b>	Chicago
Officiowil status regarding closeout of this 2031 incident related to a former used on 031.	LUST Incident 991398		
O'Hare/FSIP: During removal of previously abandoned UST piping at the Truck Rack Facility	O'Hare FSIP		
Building 988, some of the piping showed evidence of historical contamination. The CDPH	IEPA LPC 0316006019	O'Hare Building 988	Chicago
inspector directed the contractors to call the apparent leak into IEMA and the IEPA	LUST Incident 20210139	O Hare building 300	Cilicago
ultimately took up the incident as a LUST.	LOST IIICIGEIII ZOZIOISS		
O'Hare/FSIP: During removal of 18 50,000-gallon USTs, there was leaking identified from the	O'Hare FSIP		
piping and evisdence of historical contamination. The CDPH inspector directed the	The Court of State of the Court of State of Stat	O'Unan Building 000	Chioses
contractors to call the apparent leak into IEMA, and the IEPA ultimately took up the incident	IEPA LPC 0316006019	O'Hare Building 989	Chicago
as a LUST.	LUST Incident 20210443		
During pipeline removal activities for the South Transmission mains project the FSIP			
contractors discovered a previously unknown UST. The UST was removed before the permit	O'Hare FSIP		
was obtained and the contractors were issued an NOV from CDPH/OSFM. This NOV has been	IEPA LPC 0316006019		
closed however a LUST incident was opened on July 23, 2021 because laboratory analysis	LUST Incident 20210673		
indicated that there was contamination above detectable levels for COCs.			

Source: City of Chicago, Department of Aviation, October 2021.

# ATTACHMENT J-3 C&D DEBRIS DISPOSAL AND PFAS MEMO

Appendix J J-15 NOVEMBER 2022



## CHICAGO DEPARTMENT OF AVIATION CITY OF CHICAGO

To:

Jamie L. Rhee

Commissioner

Chicago Department of Aviation

From:

Aaron J. Frame

Deputy Commissioner of Environment & Planning

Date:

OCT 25 2019

Subject:

C&D Debris Disposal and PFAS

#### SUMMARY

As you may be aware, there are growing concerns about the environmental and health impacts of Per- and Polyfluoroalkyl Substances ("PFAS"), which are found in many products, including non-stick coatings, textiles, paper products, and aqueous film forming foam ("AFFF") used for firefighting at airports. Federal and state environmental regulators are now in the process of developing standards relating to PFAS contamination. The Chicago Department of Aviation ("CDA") Environment Division, as well as other City departments, has been tracking this matter closely. Consequently, the CDA has implemented several precautionary measures to address potential PFAS concerns, including initiating an environmental investigation at Chicago O'Hare International Airport ("O'Hare") and Chicago Midway International Airport ("Midway") to determine whether PFAS contamination is present. At legal counsel's recommendation, the Environment Division also proposes that soil or soil mixed with construction and demolition debris ("C&D debris") generated at O'Hare and Midway be tested for PFAS before it is transported from airport property to off-airport locations, in order to ensure that PFAS-contaminated material does not go to an inappropriate re-use or disposal site.

10510 WEST ZEMKE ROAD, P.O. BOX 66142, CHICAGO, ILLINOIS 60666

Commissioner Rhee Page 2

#### DISCUSSION

Status of Regulations. Other states have adopted standards for maximum groundwater concentrations. The Illinois Environmental Protection Agency ("IEPA") has no current regulations, but it has indicated that PFAS rulemaking is a top priority and that state PFAS regulations currently under development. The CDA understands that the IEPA's intention is that these regulations would parallel current federal PFAS guidelines. Accordingly, the CDA Environment Division recommends taking action now to minimize future issues. The major initial focus of these measures is to avoid spreading any PFAS contamination to clean portions of airport property or sending PFAS-contaminated soil off-airport either to clean locations or to disposal facilities that are not equipped to handle it. For example, some soil disposal facilities have no liner, so any PFAS contamination could leach into groundwater which could be used by local communities as a drinking water source.

Recommended Precautionary Testing Protocols. Although the U.S. Air Force has detected PFAS in groundwater beneath the former military site on the northeast O'Hare airfield, since the PFAS investigation referenced above has not been completed, the CDA does not yet have information on potential PFAS contamination of soil at O'Hare and Midway. Therefore, until further information is collected and analyzed by the CDA and its consultants, the Environment Division recommends that airport soil and C&D debris be tested for PFAS before shipment off-airport. All airport contractors, tenants, tenant projects, CDA projects, and any other project or program that generates material from CDA property must sample the material for PFAS using ASTM Method D7968-17, or an acceptable equivalent. For further direction on sampling details, methods, and analyte lists, please contact the CDA Environment Division. This sampling shall be conducted by a trained environmental professional to ensure that cross contamination does not impact sample results and data quality. Any amount of PFAS detected during analysis will be reported to the CDA to assist with identification of the appropriate disposal location. All data collected will be provided to the CDA for its records showing both positive and negative results. Furthermore, all soil and C&D debris requires final approval by the CDA prior to shipment to the designated facility.

For now, the CDA Environment Division recommends this minimal approach to ensure that offairport disposal ceases without proper characterization. The Environment Division will continue to closely monitor this fast-moving issue, and as the regulatory framework for PFAS develops, we anticipate that further measures will be required to address PFAS concerns. We will keep you informed in this regard.

3

OCT 25 2019

Approval Jamie L. Rhee, Commissioner Date

RSL/rsl

cc: Elizabeth Granados-Perez, Aviation

Alejandro Leon, Aviation Frank Grimaldi, Aviation Jerzy Jaworski, Aviation Robert Stuart, Aviation Amber Ritter, Aviation Charis Triplett, Aviation Mort Ames, Law

CDA Environment Division file