













**The Regional Municipality of Durham - 2021 Fees and Charges  
Works Department – Environmental Laboratory**

**General Inorganic Tests (continued)**

Description	Test For	Water Rate \$ Excluding HST	S/S/S * Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Ion Chromatography	Hardness**, Ca, Mg, Na, K, Ammonia, F, Cl, Br, NO <sub>2</sub> , NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub>	\$82.00	\$99.00	Y	I	January 1, 2022	Report 2021-F-35
	F, Cl, Br, NO <sub>2</sub> , NO <sub>3</sub> , NO <sub>2</sub> +NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub>	\$54.00	\$64.00	Y	I	January 1, 2022	Report 2021-F-35
	Hardness**, Ca, Mg, Na, K, Ammonia	\$54.00	\$64.00	Y	I	January 1, 2022	Report 2021-F-35
	Any One of the Above Single Elements by IC	\$36.00	\$42.00	Y	I	January 1, 2022	Report 2021-F-35
Nutrients by Segmented Flow Analyzer	NH <sub>3</sub> +NH <sub>4</sub> , PO <sub>4</sub> , NO <sub>2</sub> , NO <sub>2</sub> +NO <sub>3</sub> , TKN, TP	\$102.00	\$122.00	Y	I	January 1, 2022	Report 2021-F-35
	NH <sub>3</sub> +NH <sub>4</sub> , PO <sub>4</sub> , NO <sub>2</sub> , NO <sub>2</sub> +NO <sub>3</sub>	\$61.00	\$73.00	Y	I	January 1, 2022	Report 2021-F-35
	TKN, TP	\$61.00	\$73.00	Y	I	January 1, 2022	Report 2021-F-35
	Any One of the Above Single Nutrients by SFA	\$40.00	\$48.00	Y	I	January 1, 2022	Report 2021-F-35
	Ultra Low Dissolved PO <sub>4</sub> (clean water only)	\$68.00	N/A	Y	I	January 1, 2022	Report 2021-F-35
Metals	Mercury (Hg) by Cold Vapour AA	\$37.00	\$44.00	Y	I	January 1, 2022	Report 2021-F-35
	Acid Soluble Metals by ICP (Al, Fe, Mn, Pb, Zn)	\$42.00	N/A	Y	I	January 1, 2022	Report 2021-F-35
	Cation Scan by ICP (Ca, Mg, Na, K, Hardness*)	\$54.00	N/A	Y	I	January 1, 2022	Report 2020-F-25
	Heavy Metals Scan by ICP (Water) (Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Se, Sb, Zn)	\$56.00	\$66.00	Y	I	January 1, 2022	Report 2021-F-35
	Heavy Metals Scan by ICP (Sewage / Sludge / Soil) (As, Cd, Co, Cr, Cu, Mo, Ni, Pb, Se, Zn)	N/A	\$66.00	Y	I	January 1, 2022	Report 2021-F-35
	Regulation 170 - Metals (Al, As, B, Ba, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, U, Zn)	\$79.00	N/A	Y	I	January 1, 2022	Report 2021-F-35
	Any One of the Above Single Metals by ICP-OAS or ICP-MS	\$37.00	\$44.00	Y	I	January 1, 2022	Report 2021-F-35
	Lead testing as required under O.Reg. 170	\$37.00	N/A	Y	I	January 1, 2022	Report 2021-F-35
	Lead testing as required under O.Reg. 243	\$77.00	N/A	Y	I	January 1, 2022	Report 2021-F-35

Other elements such as (Ag, Ti, V, Tl, etc.) are available as single element requests.

\* S/S/S = Sewerage, Sludge and Soil

\*\* Calculation included (no charge)

**The Regional Municipality of Durham - 2023 Fees and Charges  
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**Inorganic Monitoring Packages**

**Drinking Water**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Package #1	pH, conductivity, alkalinity, chloride, fluoride, bromide, nitrite, nitrate, phosphate, sulphate, calcium, magnesium, sodium, potassium, ammonia, hardness*, ionic balance*, total anions*, total cations*, calculated dissolved solids*, calculated conductivity*, langelier index*	\$100.00	Y	I	January 1, 2022	Report 2021-F-35
Package #2	(colour, turbidity, Al, Fe, Mn, Pb, Zn) (pH, conductivity, alkalinity, chloride, fluoride, bromide, nitrite, nitrate, phosphate, sulphate, calcium, magnesium, sodium, potassium, ammonia, hardness*, ionic balance*, total anions*, total cations*, calculated dissolved solids*, calculated conductivity*, langelier index*)	\$154.00	Y	I	January 1, 2022	Report 2021-F-35
Package #2 with expanded metals	(colour, turbidity, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn) (pH, conductivity, alkalinity, chloride, fluoride, bromide, nitrite, nitrate, phosphate, sulphate, calcium, magnesium, sodium, potassium, ammonia, hardness*, ionic balance*, total anions*, total cations*, calculated dissolved solids*, calculated conductivity*, langelier index*)	\$180.00	Y	I	January 1, 2022	Report 2021-F-35
Package #3 with expanded metals	Colour, (Al, Sb, As, Ba, B, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Ni, Se, U, Zn), Hg, pH, Conductivity, Alkalinity, (Ca, Mg, K, Na, NH3, Hardness*)(Br, Cl, R, NO2, NO3, [NO2+NO3]*, SO4, PO4), DOC, TKN	\$270.00	Y	I	January 1, 2022	Report 2021-F-35

\*Calculation included (no charge)



**The Regional Municipality of Durham - 2023 Fees and Charges  
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**Inorganic Monitoring Packages (continued)**

**Landfill Monitoring**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Surface Water	BOD, COD, colour, phenol, total solids, suspended solids, dissolved solids*, pH, conductivity, alkalinity, fluoride, chloride, bromide, nitrite, nitrate, sulphate, phosphate, calcium, magnesium, sodium, potassium, ammonia, hardness*, total cations*, total anions*, ionic balance*, calculated dissolved solids*, calculated conductivity*, langelier index*, dissolved organic carbon, total kjeldahl nitrogen, total phosphorus, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn	\$407.00	Y	I	January 1, 2022	Report 2021-F-35
Filtration of Raw Landfill samples		\$37.00	Y	I	January 1, 2022	Report 2021-F-35

\*Calculation included (no charge)

**The Regional Municipality of Durham - 2023 Fees and Charges**  
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**Inorganic Monitoring Packages (continued)**

**Sewage and Industrial Waste**

<b>Description</b>	<b>Test For</b>	<b>Rate \$ Excluding HST</b>	<b>HST Applicable (Y/N)</b>	<b>Invoice (I) / Direct Charge (D)</b>	<b>Effective Date</b>	<b>Notes / Comments</b>
Monitoring Package #1	BOD5, suspended solids	\$44.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #2	BOD5, susp. solids, total kjeldahl nitrogen, total phosphorus	\$103.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #2 plus Metals	BOD5, susp. solids, total kjeldahl nitrogen, total phosphorus, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn	\$166.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #3	BOD5, susp. solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. Phosphate	\$154.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #3 plus Metals	BOD5, susp. solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. Phosphate, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn	\$217.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #4	BOD5, CBOD5, susp. solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. phosphate, pH, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn	\$204.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #4 plus Metals	BOD5, CBOD5, susp. solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. phosphate, pH, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Zn	\$307.00	Y	I	January 1, 2022	Report 2021-F-35

\* Calculation included (no charge)

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**Inorganic Monitoring Packages (continued)**

**Sludge**

<b>Description</b>	<b>Test For</b>	<b>Rate \$ Excluding HST</b>	<b>HST Applicable (Y/N)</b>	<b>Invoice (I) / Direct Charge (D)</b>	<b>Effective Date</b>	<b>Notes / Comments</b>
Monitoring Package #1	total solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. Phosphate	\$120.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #1 plus Metals	total solids, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium, nitrite, nitrite + nitrate, diss. Phosphate, Hg, As, Cd, Co, Cr, Cu, Mo, Ni, Pb, Se, Zn	\$183.00	Y	I	January 1, 2022	Report 2021-F-35
Monitoring Package #2 (Agrisludge)	total solids, ashed total solids, volatile total solids*, total kjeldahl nitrogen, total phosphorus, ammonia + ammonium nitrite + nitrate, Hg, As, Cd, Co, Cr, Cu, K, Mo, Ni, Pb, Se, Zn	\$210.00	Y	I	January 1, 2022	Report 2021-F-35

\* Calculation included (no charge)

**Sewer Use – By-law**

<b>Description</b>	<b>Test For</b>	<b>Rate \$ Excluding HST</b>	<b>HST Applicable (Y/N)</b>	<b>Invoice (I) / Direct Charge (D)</b>	<b>Effective Date</b>	<b>Notes / Comments</b>
Complete Inorganic Package	BOD, suspended solids, total kjeldahl nitrogen, total phosphorus, pH, fluoride sulphate, phenol, cyanide, Total/Mineral/Animal & Vegetable Oil & Grease, Hg, Ag, Al, As, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, Pb, Sb, Se, Sn, Ti, Zn	\$490.00	Y	I	January 1, 2022	Report 2021-F-35

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**Organic Monitoring Packages**

**Drinking / Surface / Ground Water and Wastewater**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
THMs (Trihalomethanes)	bromodichloromethane (bromoform) dibromochloromethane (chloroform) THM (Total)	\$105.00	Y	I	January 1, 2022	Report 2021-F-35
BTEX by Purge & Trap GC/MS	benzene; m, p-xylene; toluene; Ethylbenzene; O-xylene	\$83.00	Y	I	January 1, 2022	Report 2021-F-35
Taste & Odour	geosmin; 2-isobutyl-3-methoxypyrazine; 2,3,6-trichloroanisole; 2-methylisoborneol (MIB); 2-isopropyl-3-methoxypyrazine; 2,4,6-trichloroanisole	\$258.00	Y	I	January 1, 2022	Report 2021-F-35
Haloacetic Acids (Disinfection By- Products)	bromochloroacetic acid; dichloroacetic acid; monochloroacetic acid; dibromoacetic acid; monobromoacetic acid ;trichloroacetic acid	\$309.00	Y	I	January 1, 2022	Report 2021-F-35
Volatile Organic Compounds	benzene; bromodichloromethane; bromoform; bromomethane; carbon tetrachloride; chlorobenzene; chlorodibromomethane; chloroethane; chloroform; chloromethane; tetrachloroethylene (perchloroethylene); 1,2-dibromoethane (ethylene dibromide); 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethylene; methyl tert-butyl ether (MTBE); methyl ethyl ketone (MEK); methyl isobutyl ketone (MIBK); 1,1,1,2-tetrachloroethane; cis-1,2-dichloroethylene; trans-1,2-dichloroethylene; dichloromethane; 1,2-dichloropropane; cis-1,3-dichloropropylene; trans-1,3-dichloropropylene; ethylbenzene; Styrene; 1,1,2,2-tetrachloroethane; toluene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethylene; trichlorofluoromethane; vinyl chloride; o-xylene; m, p-xylene; THM (Total); xylene (Total); acetone; 1,2,4-trichlorobenzene	\$132.00	Y	I	January 1, 2022	Report 2021-F-35
1,4 Dioxane	1,4-Dioxane Purge and Trap	\$83.00	Y	I	January 1, 2022	Report 2021-F-35
BENZO	Benzo (a) pyrene (GCMS)	\$110.00	Y	I	January 1, 2022	Report 2021-F-35

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**Organic Monitoring Packages (continued)**

**Pesticide / Herbicide Analysis**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Organochlorine Pesticides	aldrin; a-BHC; b-BHC; g-BHC (Lindane); a-chlordane; g-chlordane; p,p' – DDD; p,p' – DDE; p,p' – DDT; o,p' – DDT; dieldrin; endosulphan I; endosulphan II; endosulphan sulphate; endrin; heptachlor; heptachlor epoxide; methoxychlor; mirex; oxychlordane; trifluralin; toxaphene	\$127.00	Y	I	January 1, 2022	Report 2021-F-35
Triazine Herbicides	alachlor (Lasso); ametryn; atraton; atrazine; cyanazine (Bladex); desethyl atrazine; desethyl simazine; metolachlor; metribuzin (Sencor); prometon; prometryn; propazine; simazine	\$110.00	Y	I	January 1, 2022	Report 2021-F-35
Organophosphorus Pesticides	chlorpyrifos (Dursban); chlorpyrifos-methyl (Reldan); diazinon; dichlorvos; dimethoate; ethion; fenchlorphos (Ronnel); guthion (Azinphos-methyl); benzo(a)pyrene; malathion; methyl parathion; mevinphos (Phosdrin); parathion; phorate (Thimet); terbufos	\$110.00	Y	I	January 1, 2022	Report 2021-F-35
Phenoxy Acid Herbicides	2,4-dichlorophenoxyacetic acid (2,4-D); bromoxynil; dicamba; diclofop-methyl; MCPA; picloram	\$166.00	Y	I	January 1, 2022	Report 2021-F-35
Chlorophenols	2,4-dichlorophenol; 2,4,6-trichlorophenol; 2,3,4,6-tetrachlorophenol	\$166.00	Y	I	January 1, 2022	Report 2021-F-35
Carbamate & Phenyl Urea Pesticides/Herbicides	Carbaryl; Diuron; Carbofuran; Triallate	\$247.00	Y	I	January 1, 2022	Report 2021-F-35
Glyphosate		\$205.00	Y	I	January 1, 2022	Report 2021-F-35
Diquat	Paraquat	\$205.00	Y	I	January 1, 2022	Report 2021-F-35
PCB Analysis	Polychlorinated Biphenyls	\$83.00	Y	I	January 1, 2022	Report 2021-F-35

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**Organic Monitoring Packages (continued)**

**Pesticide / Herbicide Analysis (continued)**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
PAHs (Polynuclear Aromatic Hydrocarbons) by GC/MSD	Acenaphthene; Acenaphylene; Anthracene; Benzo(a)anthracene; Benzo(a)pyrene; Benzo(b)fluoranthene; Benzo(g, h, i)perylene; Benzo(k)fluoranthene; 1-Chloronaphthalene; Chrysene; Dibenz(a, h)anthracene; Fluoranthene; Fluorene; Indeno (1,2,3-cd)pyrene; 1-Methylnaphthalene; 2-Methylnaphthalene; Naphthalene; Phenanthrene; Pyrene	Subcontractor's Rate	Y	I	January 1, 2020	Report 2019-COW-33
Open Characterization (Semi-quantitative)	Volatiles (Scans for Volatile Organic Compounds)	\$258.00	Y	I	January 1, 2022	Report 2021-F-35
	Extractables (Scans for Extractable Organic Compounds)	\$309.00	Y	I	January 1, 2022	Report 2021-F-35

**The Regional Municipality of Durham - 2023 Fees and Charges  
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**Organic Monitoring Packages (continued)**

**Sewer Use By-laws**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Industrial Sewer Use By-law Acid/Base/Neutral Compounds	di-n-butylphthalate; bis(2-ethylhexyl)phthalate; Polychlorinated Biphenyls	\$221.00	Y	I	January 1, 2022	Report 2021-F-35
		\$83.00	Y	I	January 1, 2022	Report 2021-F-35
Industrial Sewer Use By-law Volatile Organic Compounds	1,1,2,2, -tetrachloroethane; 1,2-dichlorobenzene; 1,4-dichlorobenzene; benzene; chloroform; cis-1,2-dichloroethylene; dichloromethane; ethylbenzene; methyl ethyl ketone (MEK); m/p-xylene; o-xylene; styrene; tetrachloroethylene; toluene; trans-1,3-dichloropropylene; trichloroethylene; xylene (Total)	\$139.00	Y	I	January 1, 2022	Report 2021-F-35
Industrial Sewer Use By-law Nonylphenols & Ethoxylates (Subcontracted)	Nonylphenol; nonylphenol ethoxylates	Subcontractor's Rate	Y	I	January 1, 2020	Report 2019-COW-33
Durham/York/Peel Sewer Use By-law Organic Package*	1,1,2,2, -tetrachloroethane; 1,2-dichlorobenzene; 1,4-dichlorobenzene; benzene; chloroform; cis-1,2-dichloroethylene; dichloromethane; ethylbenzene; methyl ethyl ketone (MEK); di-n-butyl phthalate; PCB (Total); m/p-xylene; o-xylene; styrene; tetrachloroethylene; toluene; trans-1,3-dichloropropylene; trichloroethylene; xylene (Total); bis (2-ethylhexyl) phthalate	\$436.00	Y	I	January 1, 2022	Report 2021-F-35

\* If nonly phenol/nonly phenol ethoxylates required, please request as add-on to package

**The Regional Municipality of Durham - 2023 Fees and Charges  
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**Organic Monitoring Packages (continued)**

**Other Packages**

Description	Test For	Unit	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Total Petroleum Hydrocarbons (TPH) in Water (Subcontracted)	This CCME method includes: a) BTEX-Purgeables by P&T GC/MS or HS GC/FID - gasoline range b) Extractables by GC/FID - diesel range c) Total Oil & Grease by Gravimetric - heavy oil range		Subcontractor's Rate	Y	I	January 1, 2020	Report 2019-COW-33
PFAS/PFOS (Solid Phase Extraction Method)	Perfluorodecanesulfonic acid (PFDS, Perfluorodecanesulfonate) Perfluorodecanoic acid (PFDA, Perfluorodecanoate) Perfluorododecanoic acid (PFDoA, Perfluorododecanoate) Perfluoroheptanoic acid (PFHpA, Perfluorohepanoate) Perfluorohexanesulfonic acid (PFHxS, Perfluorohexanesulfonate) Perfluorohexanoic acid (PFHxA, Perfluorohexanoate) Perfluorononanoic acid (PFNA, Perfluorononanoate) Perfluorooctanesulfonic acid (PFOS, Perfluorooctanesulfonate) Perfluorooctanesulfonamide (PFOSA) Perfluorooctanoic acid (PFOA, Perfluorooctanoate) Perfluoroundecanoic acid (PFUnA, Perfluoroundecanoate)		\$600.00	Y	I	January 1, 2021	Report 2020-F-25



**The Regional Municipality of Durham - 2023 Fees and Charges  
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**Organic Monitoring Packages (continued)**

**Other Packages (continued)**

Description	Test For	Unit	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Legal Sample Fees and Legal storage fees	Sample submitted under legal chain of custody (to maintain an unbroken chain of custody for samples that may be used for litigation)	Per sample	\$281.00	Y	I	January 1, 2022	Report 2021-F-35
	Extended storage for legal samples (longer than 30 days) (samples will be stored free of charge for 30 days from date of final report)	Per container per month	\$5.00	Y	I	January 1, 2022	Report 2021-F-35
	Court testimony by Regional Environmental Laboratory staff	Per hour (including travel and wait time)	To be determined case-by-case	Y	I	January 1, 2020	Report 2019-COW-33
	Mileage for appearance	Per kilometre (actual)	\$0.58	Y	I	January 1, 2022	Report 2021-F-35

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**Organic Monitoring Packages (continued)**

**Other Packages (continued)**

Description	Test For	Rate \$ Excluding HST	HST Applicable (Y/N)	Invoice (I) / Direct Charge (D)	Effective Date	Notes / Comments
Miscellaneous	Sub-contractor Fee	Subcontractor's Rate	Y	I	January 1, 2020	Report 2019-COW-33
	Report re-issue Fee					
	- Current Year	\$10.00	Y	I	January 1, 2020	Report 2019-COW-33
	- Previous 2 years	\$25.00	Y	I	January 1, 2020	Report 2019-COW-33
	- Prior Archives	\$100.00	Y	I	January 1, 2020	Report 2019-COW-33
Sample Treatment	Chlorine quenching	\$26.00	Y	I	January 1, 2022	Report 2021-F-35
	Oil & Grease additional extraction	\$26.00	Y	I	January 1, 2022	Report 2021-F-35
	Shipping (Sample Containers)	Actual cost	Y	I	January 1, 2020	Report 2019-COW-33
	Sample filtration if required	\$26.00	Y	I	January 1, 2022	Report 2021-F-35