

# **Operations & Maintenance 2024 Annual Report**

The following report is intended to provide a look at the recent history of the Huntley Community School District 158 Operations and Maintenance Department. Where digital data is available, it has been included to provide a look back at how the Operations and Maintenance Department has evolved. The report is also intended to provide some information on what the Operations and Maintenance Department does for the taxpayers of the community who entrust the O&M Department with physical plant management responsibilities.

This report is intended to be an executive summary of data and is limited.

When the school district moved to new facilities away from the old Huntley Campus off Lincoln Street, the school district transitioned to a more outsourced model of providing Operations and Maintenance Department services. Outsourcing peaked about 2005 when the School District expanded its' facilities from 840,000 square feet (five buildings) to 1,410,000 square feet (nine buildings) all in one summer. Since that time, the School District has moved away from the outsourced model slightly.

On the Fiscal review graph you will notice that over the last few years, capital replacement spending is starting to decline. This is happening for a few reasons; one - a life cycle on roof systems is near the end (the only thing left is HHS has a couple more years to go at present pace), and two - remaining life cycle replacement initiatives have been slowed down due to funding issues including asphalt replacement and floor finish replacement.

Also of note is the increase in the purchase of services and supplies during the CoVid19 pandemic period which started in March 2020. As a return to school unfolded, the District spending increased notably with the purchase of supplies, services, and equipment to support enhanced cleaning and increased ventilation. As the pandemic ended, escalating inflation has made the cost of doing business while trying to stay on track with the budget very challenging.

Our Department motto remains: *Foster a Clean, Comfortable, Safe Learning Environment for Students, Faculty, and Staff*

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# Huntley Community School District 158 Physical Plant Inventory

last edit 1/31/2022

Campus/Building	Year	Square Footage by Addition	Square Footage by Building	Percentage District 158 Space	Managed Turf Inventory Acres	Pavement Inventory Square Feet
Harmony Road Campus <i>includes 2014 site improvements</i>					62	1,092,046
Huntley High School	1997& W wing	167,000	469,580	31%		
	2002 Addition	193,388				
	2014/2016	102,356				
	2020	6,836				
Leggee Elementary School	2000/2001	105,317	120,083	8%		
	2003 Addition	14,766				
Reed Road Campus					52	1,020,019
Marlowe Middle School	2005	130,579	200,379	13%		
	2007 Addition	69,800				
Chesak Elementary School	2000/2001/2002	134,651	158,907	10%		
	2003 Addition	24,256				
Martin Elementary	2002	148,286	148,286	10%		
Square Barn Rd. Campus					51	1,180,000
Heineman Middle School	2005	130,579	130,579	9%		
Mackeben Elementary School	2005	120,192	120,192	8%		
Conley Elementary School	2005	120,192	120,192	8%		
Transportation/Administration	2004	66,746	66,746	4%		
Grand Total			1,534,944	100%	165	3,292,065

# Huntley School District 158 Operations and Maintenance Department Organizational Chart

Last Edit 1/20/2024

**SPECIAL NOTE: This chart doesn't include 9.75 FTE contracted custodial staff temps. for Enhanced Cleaning for CoVid19 pandemic response action**

Harmony Road Campus				Reed Road Campus		Square Barn Road Campus				9	12	45.8125	4
	Huntley High	Leggee Elementary	Marlowe Middle	Martin Elementary	Cheask Elementary	Heineman Middle	Conley Elementary	Mackeben Elementary	Administration Transportation	In-House Custodial	In-House O&M	Out-Sourced Custodial staff	Out-Sourced Custodial management
	9th - 12th grade	K - 5th grade	6th - 8th grade	3rd - 5th grade Preschool	K - 2nd grade	6th - 8th grade	3rd - 5th grade	K - 2nd grade	Building	FTE	FTE	FTE	FTE
				Board of Education		Contracted Services Custodial Services Grounds Management Services Snow Removal Services HVAC PM Services Large Equip Other Construction Services							
	Athletic Director			Superintendent of Schools									1
				Chief Financial Officer		Senior Area Manager Asst. Manager Sub Day Custodian (2) Supervisors (2)							1
	Maintenance Grounds (Flex Hours)	Administrative Assistant		Director of O&M							2	1.625	
				Asst Director of O&M							2		2
	Technician (5:30am to 2pm)			Technician(5:30am to 2pm)									
	Maintenance (5:30am to 2 pm)										4		
	Lead Day Custodian (5:30am to 2pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Lead Day Custodian (6:00am to 2:30pm)	Maintenance.Courier (6am to 2:30pm) 1 Technician (1:30pm to 10pm) 1 Technician (2:30pm to 11pm) 1 Technician (3:15pm to 11:45 pm) 1 Maintenance (3:30 pm to 12:00 am)		1		
Maintenance (1:30pm to 10 pm)	Day Custodian (8:30am to 5 pm)									8	1		
	0.6875 Lunch Duty Custodian (10:30am to 4pm) 0.5 Weekend lead 1 Lead Night Custodian (9:30 pm to 6am) 2 Night Custodians (2) (9:30pm to 6am)	1 Swing Custodian (11am to 7:30pm) 2 Lead/Super 2nd Cus(2) (4pm to 12:30am) 5.5 Night Custodians (4pm to 12:30am) 0.25 Night Custodian ALOP (4pm to 6:00pm)	1 Lunch Duty Custodian (10:30am to 7pm) 1 Lead Night Custodian (4pm to 12:30am) 2 Night Custodians (4pm to 12:30am)	1 Lunch Duty Custodian (10:30am to 7pm) 1 Lead Night Custodian (4pm to 12:30am) 3.5 Night Custodians (4pm to 12:30am) Weekend custodian (8am to 12:20 pm)	0.6875 Lunch Duty Custodian (10:30am to 4:00pm) 1 Lead Night Custodian (4pm to 12:30am) 2.375 Night Custodians (4pm to 12:30am)	1 Lunch Duty Custodian (10:30am to 7pm) 1 Lead Night Custodian (4pm to 12:30am) 2.625 Night Custodians (4pm to 12:30am)	1 Lunch Duty Custodian (10:30am to 7pm) 1 Lead Night Custodian (4pm to 12:30am) 2 Night Custodians (4pm to 12:30am)	1 Lunch Duty Custodian (10:30am to 7pm) 1 Lead Night Custodian (4pm to 12:30am) 1.5 Night Custodians (4pm to 12:30am)	0.6875 Lunch Duty Custodian (10:30am to 4pm) 1 Lead Night Custodian (4pm to 12:30am) 1.875 Night Custodians (4pm to 12:30am)		1 1 8.0625 9.5 1 22.375 2 0.25		

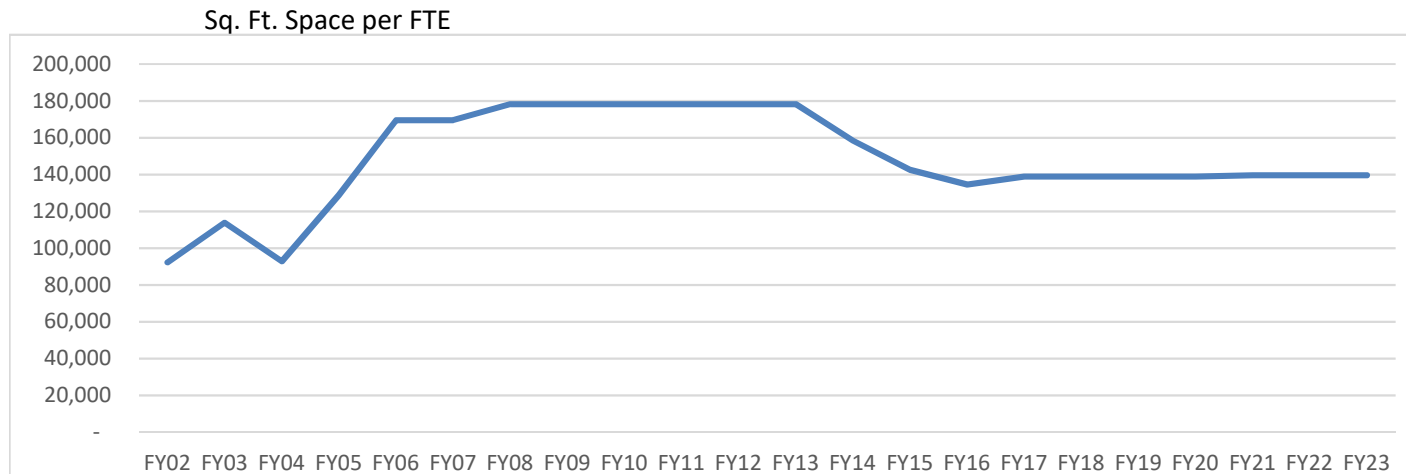
## SPECIAL NOTES

- Where shades darken above, positions are outsourced
- All Custodians in-house & outsourced are managed by custodial services contractor
- Lunch Duty Custodians have assigned cleaning after last bell of school day

5.5	2.5	3.75	2	2.75	2	2.5	2.5	0.83
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**CSD158 Technician and Maintenance Staff Inventory History**

last edit 1-17-24

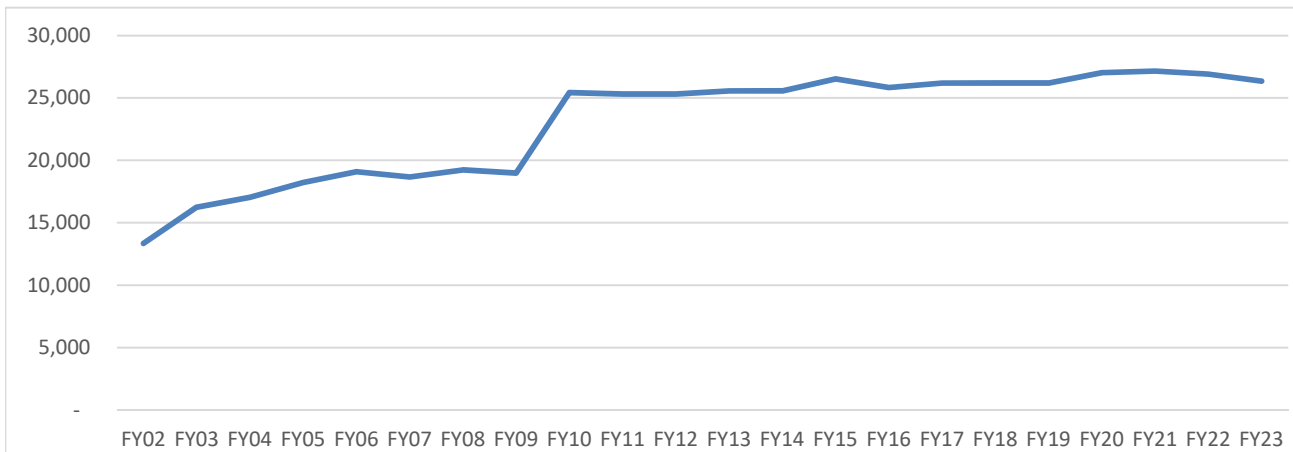


Fiscal Year	Square Feet per Maintenance & Technicians	At-Will and HESPA Maintenance Staff	Physical Plant Space Maintained
FY02	92,221	5.5	507,216
FY03	113,770	7	796,390
FY04	92,824	9	835,412
FY05	128,880	7	902,158
FY06	169,494	8	1,355,952
FY07	169,494	8	1,355,952
FY08	178,219	8	1,425,752
FY09	178,219	8	1,425,752
FY10	178,219	8	1,425,752
FY11	178,219	8	1,425,752
FY12	178,219	8	1,425,752
FY13	178,219	8	1,425,752
FY14	158,417	9	1,425,752
FY15	142,575	10	1,425,752
FY16	134,615	11	1,480,762
FY17	138,919	11	1,528,108
FY18	138,919	11	1,528,108
FY19	138,919	11	1,528,108
FY20	138,919	11	1,528,108
FY21	139,540	11	1,534,944
FY22	139,540	11	1,534,944
FY23	139,540	11	1,534,944

# CSD158 Custodial Staff Inventory History

last edit 1-17-24

Sq. Ft. per FTE



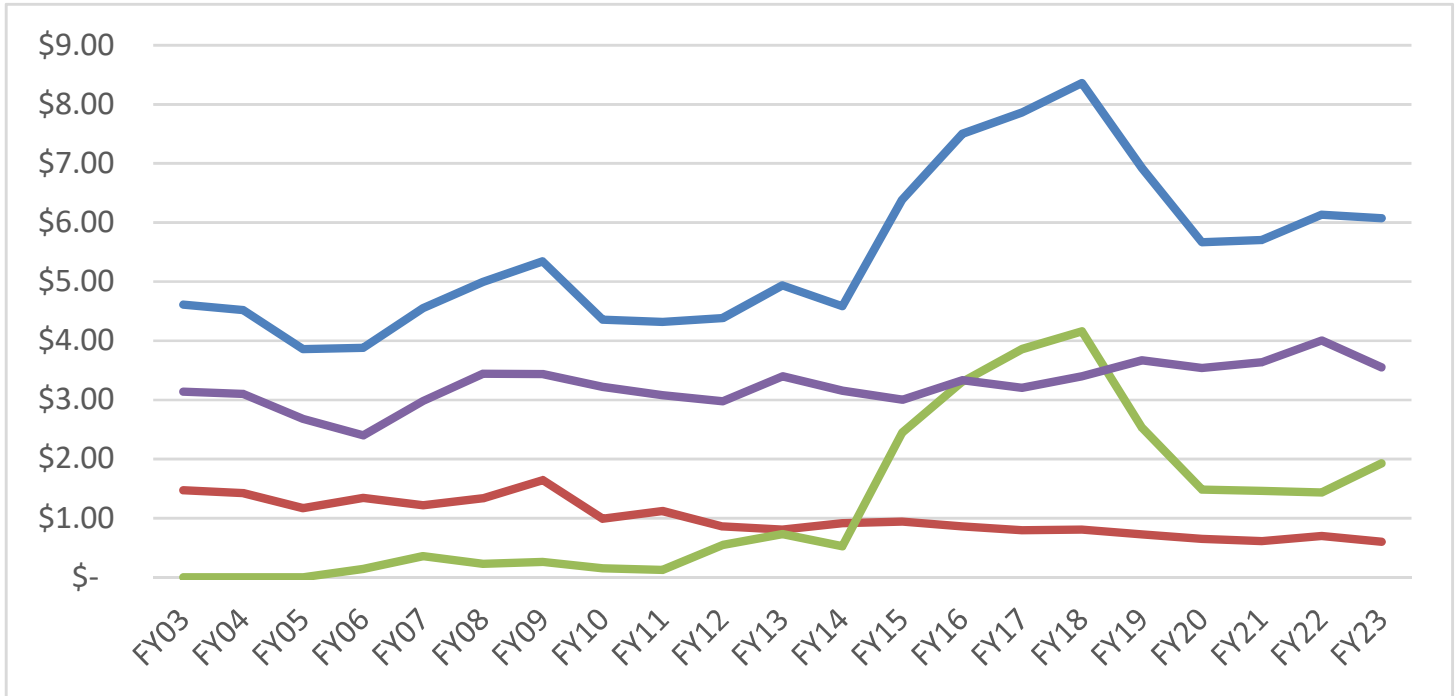
Fiscal Year	Square Feet covered per custodian	Total Custodial	HESPA Custodial	Out-Sourced Custodial	Physical Plant Space Maintained
FY02	13,348	38	13	25	507,216
FY03	16,253	49	16	33	796,390
FY04	17,049	49	16	33	835,412
FY05	18,225	49.5	15	34.5	902,158
FY06	19,098	71	11.58	59.42	1,355,952
FY07	18,672	72.62	11.58	61.04	1,355,952
FY08	19,236	74.12	11.58	62.54	1,425,752
FY09	18,980	75.12	11.58	63.54	1,425,752
FY10	25,424	56.08	11.58	44.75 see note 1	1,425,752
FY11	25,311	56.33	11.58	44.75	1,425,752
FY12	25,311	56.33	11.58	44.75	1,425,752
FY13	25,574	55.75	11	44.75	1,425,752
FY14	25,574	55.75	11	44.75	1,425,752
FY15	26,526	53.75	9	44.75	1,425,752
FY16	25,831	57.325	9	48.325	1,480,752
FY17	26,200	58.325	9	49.325	1,528,108
FY18	26,200	58.325	9	49.325	1,528,108
FY19	26,200	58.325	9	49.325	1,528,108
FY20	27,032	56.53	9	47.53	1,528,108
FY21	27,153	56.53	9	47.53	1,534,944
FY22	26,915	57.03	9	48.03	1,534,944
FY23	26,351	58.25	10	48.25	1,534,944

Note #1: Outsourced custodial services contract reduced by 35%

# O&M Dept. Managed Accounts Fiscal History

(excludes Technology and Telephone)

last edit 1-20-24



Fiscal Year Actual Expended	Total Expense per Sq Ft	Expense per Sq Ft Gas & Electric only	Expense per Sq Ft Capital Projects Only	Expense per Sq Ft w/o Gas, Electric, Capital projects	Facility Space Inventory
FY03	\$ 4.61	\$ 1.47	\$ -	\$ 3.14	796,390
FY04	\$ 4.52	\$ 1.42	\$ -	\$ 3.10	835,412
FY05	\$ 3.86	\$ 1.17	\$ -	\$ 2.68	902,158
FY06	\$ 3.88	\$ 1.34	\$ 0.14	\$ 2.40	1,361,568
FY07	\$ 4.55	\$ 1.22	\$ 0.35	\$ 2.98	1,361,568
FY08	\$ 5.00	\$ 1.33	\$ 0.22	\$ 3.44	1,425,752
FY09	\$ 5.34	\$ 1.64	\$ 0.26	\$ 3.44	1,425,752
FY10	\$ 4.36	\$ 0.99	\$ 0.15	\$ 3.22	1,425,752
FY11	\$ 4.32	\$ 1.12	\$ 0.12	\$ 3.08	1,425,752
FY12	\$ 4.38	\$ 0.86	\$ 0.55	\$ 2.98	1,425,752
FY13	\$ 4.93	\$ 0.81	\$ 0.73	\$ 3.40	1,425,752
FY14	\$ 4.59	\$ 0.91	\$ 0.52	\$ 3.15	1,425,752
FY15	\$ 6.39	\$ 0.94	\$ 2.44	\$ 3.01	1,425,762
FY16	\$ 7.50	\$ 0.86	\$ 3.31	\$ 3.34	1,480,762
FY17	\$ 7.86	\$ 0.79	\$ 3.86	\$ 3.21	1,528,108
FY18	\$ 8.36	\$ 0.80	\$ 4.16	\$ 3.40	1,528,108
FY19	\$ 6.92	\$ 0.72	\$ 2.53	\$ 3.67	1,528,108
FY20	\$ 5.67	\$ 0.65	\$ 1.48	\$ 3.54	1,528,108
FY21	\$ 5.71	\$ 0.61	\$ 1.46	\$ 3.64	1,534,944
FY22	\$ 6.14	\$ 0.70	\$ 1.43	\$ 4.01	1,534,944
FY23	\$ 6.08	\$ 0.60	\$ 1.92	\$ 3.55	1,534,944

SPECIAL NOTE: escalation is related to pandemic and inflation

13%

## District 158 summer 2024 O&M Deferred Maintenance Capital projects

Location	Description	budget	FY24	FY25
Huntley High School - 1996 original building	Window curtain wall restoration	\$ 398,158	\$ 398,158	
Marlowe to Martin drive new pavement FY23	Asphalt sealcoat	\$ 56,186		\$ 56,186
Martin-bus lot new pavement FY23	Asphalt sealcoat	see row 30		see row 30
Trans bus lot	Asphalt sealcoat	see row 30		see row 30
Chesak - 225 ton air-cooled original 2000	Chiller replacement	\$ 283,832		\$ 283,832
Mackeben	Playground safety surface replacement	\$ 16,157	\$ 16,157	
Huntley High - phase 5 - areas Q, R, GG, FF, N, O, P w 4ksf wet insul	Roof replacement w 1st alphaguard	\$ 703,000		\$ 703,000
District 158	Asphalt Repairs	\$ 15,000		\$ 15,000
Chesak-classrooms-phase 2 - 300 wing	Carpet replacement	\$ 163,666		\$ 163,666
Chesak-classrooms-phase 3 - 200 wing	Carpet replacement	\$ 190,151		\$ 190,151
Leggee-classrooms-phase 2 - 200 wing	Carpet replacement	\$ 85,019		\$ 85,019
Leggee-classrooms-phase 3 - 100 wing	Carpet replacement	\$ 94,896		\$ 94,896
Huntley High-east-overhauled w fans replaced in 2016	Chiller replacement	\$ 250,000		\$ 250,000
Admin door 1 and door 5 to bus lot	Concrete walk replacement	\$ 65,000		\$ 65,000
RRC buildings	Infrared scan electrical distribution systems	\$ 10,000		\$ 10,000
Conley	Playground safety surface replacement	\$ -		\$ -
Huntley High School School - west circle - door 27	Rubber stair tread replacement	\$ 23,000		\$ 23,000
Harmony Rd	Snow removal tractor replacement	\$ 21,000		\$ 21,000
Huntley High - 8 yr cycle	Tennis court surface restoration	\$ 160,000		\$ 160,000
District 158	Tuckpointing.sealant replacement	\$ 75,000		\$ 75,000
O&M Dept C-1 cargo van 2015	Vehicle replacement	\$ 32,000		\$ 32,000

**Total Budgeted projects** \$ 2,610,064



District 158 Key Contracts by Department				last edit	1-24-24				
<a href="https://drive.google.com/drive/folders/1OeFKr_q1DMXn0CJ-XTEBQQaTDVILXtiA">https://drive.google.com/drive/folders/1OeFKr_q1DMXn0CJ-XTEBQQaTDVILXtiA</a>									
Contract Vendor	Scope of Contract	Annual Cost	Origination Date	Contract Term	Expiration Date	District Contract Owner	Notes (Annual contract increase %, Performance Requirments, Etc.)	Evergreen Date	Earliest Action Date
MDC Environmental	refuse/recycle hauling	\$38,341	7/28/2021	1 yr.	08/05/24	Doug Renkosik		No Evergreen Clause	4/1/2024
ThermoFlo	quarterly PM Vertiv unit in Admin MDF	\$1,996	9/1/2023	1 yr	08/31/24	Doug Renkosik		30 days before expiration	5/1/2024
Global Water Technologies, Inc	water treatment services	\$3,780	5/4/2017	7 yr.	09/01/24	Doug Renkosik		06/01/24	5/1/2024
Weatherworks	certified snow depth reporting	\$200			10/31/24	Doug Renkosik			6/1/2024
OrangeQC	housekeeping inspection software	\$7,200	9/30/2022	annual	9/30/24	Doug Renkosik		No Evergreen Clause	6/30/2024
Veach, CT	grounds management	\$183,071	3/15/2019	3 yr.	11/15/24	Doug Renkosik		No Evergreen Clause	9/1/2024
JCI	chiller scheduled PM and VFRat HHS	\$8,333	3/1/2020	3 yr.	02/28/25	Doug Renkosik		NA	11/28/2024
Fox Valley Fire and Safety	Life safety Syst Inspections - FACP. FE, sprinkler, and ansul		3/19/2018	3 yr.	05/30/25	Doug Renkosik		No Evergreen Clause	1/30/2025
FMX	CMMS.scheduling software	\$19,678	6/1/2022	3.08 yr	06/01/25	Doug Renkosik	2.5% increase each year	one year notice	2/1/2025
Colley Elevator	elevator grease and oil	\$3,778	7/24/2022	3 yr.	07/24/25	Doug Renkosik		5/1/2022-60 days	3/1/2025
MSDS Online	web based SDS sheet access sys	\$7,299	2/4/2020	3 yr.	05/04/26	Doug Renkosik		No Evergreen Clause	3/15/2025
Arctic Snow	snow removal	Open	6/8/2022	3 yr.	04/30/25	Doug Renkosik		No Evergreen Clause	4/1/2025
Anderson Pest Control	pest control	\$6,654	10/25/2022	3 yr.	12/31/25	Doug Renkosik	5% increase each year	30 notice monthly	10/1/2025
GSF	Custodial Services	\$2,301,385	3/16/2023	3 yr.	5-31-26	Doug Renkosik	3% max annually	No Evergeeen	2/1/2026
Symmetry (starts 9-1-22)	natural gas procurement	nymex henry hub + \$0.00987	9/1/2022		08/31/26	Doug Renkosik		NA	3/1/2026
Voltus	demand load response	Performance Based	11/12/2021		11/12/26	Doug Renkosik		10/12/26	8/12/2026
Thermosystems	three chillers and six RTUs scheduled PM	25653 - yr 1	11/19/2023	3 yr.	10/31/26	Doug Renkosik		NA	9/1/2026
Trane	Trane Air-cooled chiller PMs	\$12,974	4/1/2022	5 yr.	03/30/27	Doug Renkosik		02/28/27	11/4/2026
CTS Group	BMS service support - remote	\$14,515	6/13/2022	5 yr.	07/21/27	Doug Renkosik		NA	2/1/2027
Advantage Mechanical	HVAC PM's-McQuay/JCI-York	\$61,461	7/19/2017		09/30/27	Doug Renkosik		No Evergreen Clause	7/1/2027
Fruin Bros.	cash farm rental	\$36,814	1/1/2017	last extension	11/30/27	Doug Renkosik		NA	9/1/2027
Fox Valley Fire	fire & security alarm monitor	\$9,612	4/19/2018	5 yr.	05/18/28	Doug Renkosik		NA ten day notice	2/1/2028
Veregy	solar (195 kW) array/vegetation PM	10555	9/25/2023	5 yr	09/25/28	Doug Renkosik		NA	6/25/2028
ForeFront Power	PPA agreements	\$0.026 per kWh no escalation	6/21/2018	20 yr	09/01/40	Doug Renkosik		NA	6/1/2040
ForeFront Power	Community Solar	15% discount on ComEd invoice	1/18/2024	20 yr	1/17/43	Doug Renkosik		7/17/42	1/18/1942
Forefront Power	Ground Lease for Community Solar	\$1,500/acre, approx. 15 acre	TBA a final design	25 yr w options to extend	TBA	Doug Renkosik		TBA, 25 yr	30 day prior notice
Barr Mechanical	boiler-Eundura annual PM - Fine Arts	\$2,000			annual	Doug Renkosik		NA	annual
Quartix - Vehicle Tracking	vehicle tracking	\$719			annual	Doug Renkosik		NA	annual
Earthwise	water softener quarterly pm inspections	\$1,600			open	Doug Renkosik		No Evergreen Clause	open
Halloran and Yauch Inc.	grounds irrigation start up PM & shutdown	\$5,235			open	Doug Renkosik		No Evergreen Clause	open
Turfix	Field Turf PM in stgadium	\$6,200			open	Doug Renkosik		No Evergreen Clause	open

# Energy Conservation Measures Rewards Tally

**SPECIAL NOTE:** These numbers exclude EV bus fleet operation which is only six months old at the time of this report

<b>2023 Annual Cost Savings</b>	<b>\$ 787,804</b>
<b>2023 Annual Carbon Emissions Avoided</b>	<b>15,910,890 pounds</b>
<b>Annual Power Consumption Avoided</b> Net metered kWh for the period was 63% less; 8,064,342	<b>13,819,969 kilowatt-hours</b>
<b>Annual Natural Gas Consumption Avoided</b>	<b>117,171 therms</b>

<b>Pollution Emissions Disclosure Statement</b> 11.7 lbs.carbon dioxide/therm consumed 1,052 lbs. carbon dioxide / 1000 kWh power generated	<b>Present Energy Costs (at meter)</b>			see note #1 see note #2
	gas	\$ 0.6100	\$/ therm	
	electric	\$ 0.0789	\$/kWh	

## SPECIAL NOTES

- 1 Gas unit cost for calendar year 2023 per therm - \$0.061
- 2 electricity rate all in at the meter for period Jan.23 to Jan.24 was \$0.0789 per kWh

<b>Projects Tally</b>		<b>Annual Savings</b>				
project completion year	Description	kWh	therms	\$ electric	\$ gas	\$ total
2007	Marlowe gym addition lights-convert to fluorescent from metal halide	19,934	0	\$ 1,573	\$ -	\$ 1,573
2009	District-wide gym addition lights-convert to fluorescent from metal halide	223,442	0	\$ 17,630	\$ -	\$ 17,630
2009	Chesak, Martin, Leggee soffit lights -convert to fluorescent from Metal halide	109,777	0	\$ 8,661	\$ -	\$ 8,661
2012	Mackeben - upgrade replacement chiller to premium efficiency unit	64,459	0	\$ 5,086	\$ -	\$ 5,086
2012	Huntley High central chiller replacement to premium efficiency unit	393,232	0	\$ 31,026	\$ -	\$ 31,026
2013	Guaranteed Energy Savings project with CTS including HVAC controls retrofits some interior lighting retrofits and occupancy sensors for lighting control District-wide	3,192,151	88,978	\$ 251,861	\$ 54,276.58	\$ 306,137
2013	Square Barn Road Campus - convert light fixtures on poles to LED from HP sodium	166,424	0	\$ 13,131	\$ -	\$ 13,131
2015	Guaranteed Energy Savings project with PSI including retrofit of over 9,000 lighting fixtures including interior and exterior locations	1,146,925	0	\$ 90,492	\$ -	\$ 90,492
2014	Huntley High Expansion and Renovations Phase 1 - Act on recommendations from the Smart Energy Design Assistance Center for installation of more efficient equipment beyond code requirements including LED lighting interior and exterior, premium efficiency boilers, destratification fans, and added roof insulation	34,052	7,952	\$ 2,687	\$ 4,850.72	\$ 7,537
2015	Huntley High Expansion and Renovations Phase 2 - Act on recommendations from the Smart Energy Design Assistance Center for installation of more efficient equipment beyond code requirements including LED lighting interior and exterior, premium efficiency boiler and chiller, added wall and roof insulation, and premium efficiency windows and doors	133,501	736	\$ 10,533	\$ 448.96	\$ 10,982
2017	Conley Chiller Replacement	227,607	0	\$ 17,958	\$ -	\$ 17,958
2018	Conley and Mackeben retrofit fluorescent fixtures w linear LED	129,887	0	\$ 10,248	\$ -	\$ 10,248
2020	Solar array installations	7,402,610		\$ 210,000	\$ -	\$ 210,000
2020	GES RFP 2020-32 fluorescent to LED conversion - Leggee, Martin, Heinemann & kitchen DCV all eight sites	204,345	9376	\$ 16,123	\$ 5,719.36	\$ 21,842
2020	kitchen demand control ventilation in all eight school kitchens	33,801	10129	\$ 2,667	\$ 6,178.69	\$ 8,846
2020	lighting retrofit - replace 8ft T8 lamped fixtures with LED	4,471	0	\$ 353	\$ -	\$ 353
2021	demand management with Orchestra while upgrading BAS to Niagara 4-monetary savings estimated at <b>\$63,193.00 per year</b> -startup postponed during the pandemic. Start-up began in November 2023 after proper commissioning of controls equipment as completed	NA	0	\$ -	\$ -	\$ -
2022	HHS east gym fluorescent to LED lighting conversion	7,755	0	\$ 612	\$ -	\$ 612
2022	MMS north and south gyms fluorescent to LED lighting conversion	5,175		\$ 408	\$ -	\$ 408
2022	electric hand dryer upgrades to high efficiency - 30 total	66,750		\$ 5,267	\$ -	\$ 5,267
2023	electric hand dryer upgrades to high efficiency - 202 total	126,452	0	\$ 9,977	\$ -	\$ 9,977
2018 to date	replace 1,896 interior recess can lightings with LED light fixtures w in-house staff- completion by 6-30-24	127,220	0	\$ 10,038	\$ -	\$ 10,038

## D158 O&amp;M project funding sourcing report

last edit 1/21/2024

\*\* retrocommissioning/energy audit consulting services value (est.\$40k each) not included below (multiple locations over the last 15 years)

<div> <div>\$</div> <div>1,724,351</div> <div>Total Revenue received for Energy Conservation Projects</div> </div>					ComEd TOTAL	NiCor TOTAL	ISBE SMG TOTAL
FY	source	program	\$ amount	status	\$ 1,027,869	\$ 496,482	\$ 200,000
23	ISBE	School Maintenance Grant-hhs Roof phase IV	\$ 50,000	approved not received			
23	hand dryers	Energy Efficiency program - electric hand dryer retrofits	\$ 45,400	checks received	\$ 45,400		
23	ISBE	School Maintenance Grant-hhs Roof phase IV	\$ 50,000				\$ 50,000
22	ISBE	School Maintenance Grant-Energy Conservation	\$ 50,000	checks received			\$ 50,000
21	ComEd	Energy Efficiency program -kitchen demand control ventilation	\$ 15,200	checks received	\$ 15,200		
21	NiCor	Energy Efficiency program -kitchen demand control ventilation	\$ 5,972	checks received		\$ 5,972	
20	ISBE	School Maintenance Grant-Energy Conservation	\$ 50,000	check received			\$ 50,000
18	ComEd	Energy Efficiency program - chiller conley	\$ 17,200	check received	\$ 17,200		
17	III. DCEO	III. Energy Now - New construction energy efficiency -electric- HHS Additions and Renovations Bid Release 1	\$ 62,104	check received	\$ 62,104		
17	III. DCEO	III. Energy Now - New construction energy efficiency -gas- HHS Additions and Renovations Bid Release 1	\$ 98,436	check received		\$ 98,436	
17	III. DCEO	III. Energy Now - New construction energy efficiency -gas- HHS Additions and Renovations Bid Release 2	\$ 34,509	check received		\$ 34,509	
17	III. DCEO	III. Energy Now - New construction energy efficiency -electric- HHS Additions and Renovations Bid Release 2	\$ 42,178	check received	\$ 42,178		
17	III. DCEO	III. Energy Now - Energy efficiency retrofits- electricity - vending and snack misers throughout District	\$ 990	check received	\$ 990		
17	MMC	III. Energy Now - Energy efficiency retrofits- gas - destratification fans in HHS	\$ 13,134	check received		\$ 13,134	
17	MMC	III. Energy Now - Energy efficiency retrofits- gas - destratification fans in MMS	\$ 14,905	check received		\$ 14,905	
17	MMC	III. Energy Now - Energy efficiency retrofits- gas - destratification fans in HMS	\$ 8,724	check received		\$ 8,724	
17	MMC	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofits - exterior wallpaks LED Admin	\$ 1,840	check received	\$ 1,840		
17	MMC	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofits - exterior wallpaks LED Leggee	\$ 320	check received	\$ 320		
17	MMC	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofits - exterior wallpaks LED Martin	\$ 240	check received	\$ 240		
17	MMC	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofits - exterior wallpaks LED Chesak	\$ 240	check received	\$ 240		
15	III. DCEO	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofit-PSI	\$ 283,466	check received	\$ 283,466		
14	MMC	III. Energy Now - Energy efficiency retrofits- electricity - lighting retrofit-SBRC site light poles	\$ 53,247	check received	\$ 53,247		
13	ISBE	School Maintenance Grant-network Video Enhancement RCDT# 44063158022	\$ 50,000	check received			\$ 50,000.00
13	III. DCEO	Illinois Energy Now program-Guaranteed Energy Savings project-CTS Rebate # 12-420025 (ComEd)	\$ 392,918	check received	\$ 392,918		
13	III. DCEO	Illinois Energy Now program-Guaranteed Energy Savings project-CTS Rebate # 12-310006 (NiCor)	\$ 320,803	check received		\$ 320,803	
13	III. DCEO	Illinois Energy Now program-Chiller replacement Huntley High Rebate # 5542	\$ 38,540	check received	\$ 38,540		
12	III. DCEO	Illinois Energy Now program-Chiller replacement Mackeben	\$ 21,220	check received	\$ 21,220.00		
09	III. Clean Energy Community Foundation	Lighting retrofits - metal halides in gyms and multi-purpose rooms replaced w fluorescents	\$ 52,766	check received	\$ 52,765.80		

# Huntley Community School District 158 Operations & Maintenance Dept.

## Managed Facility inspections list

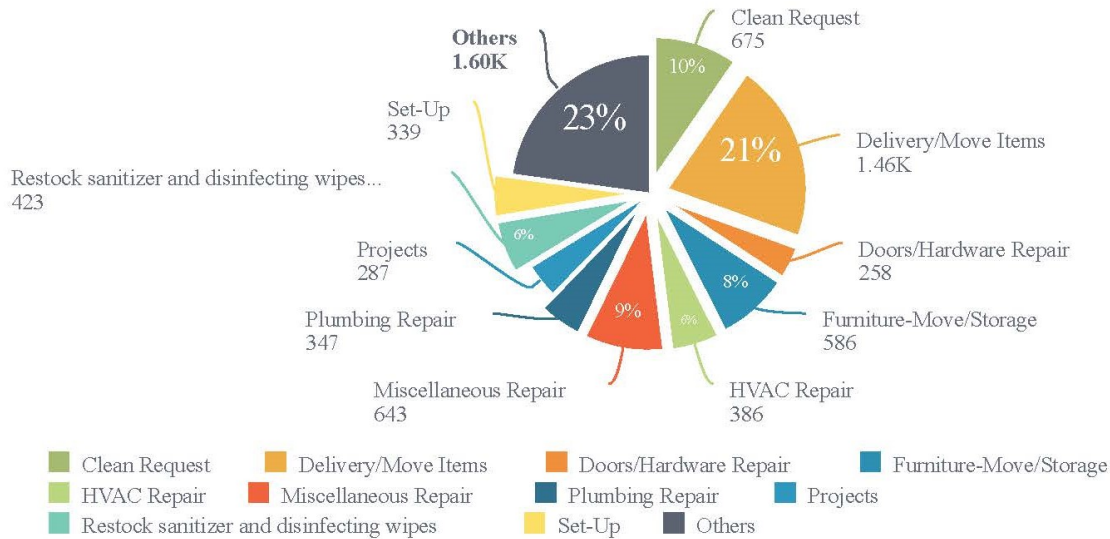
last edit 1/21/2024

Inspection type	purpose	assigned to:	Inspection type	purpose	assigned to:
1 AC equipment	PM	outsourced	69 Fire Sprinkler-dry-draining condensate	PM	D158
2 Acid dilution pits and canisters	PM	D158	70 Fire Sprinkler-five year	PM	outsourced
3 AED battery check	PM	D158	71 Fire Sprinkler-monthly	PM	D158
4 After-hours walk thru for HVAC control issues	PM	D158	72 Fire Sprinkler-quarterly	PM	D158
5 AHU OA damper checks and OA intake cleaning	PM	D158	73 Fire Sprinkler-semi-annual	PM	D158
6 Air compressors	PM	D158	74 Fire Sprinkler-three year	PM	outsourced
7 Air Curtain	PM	D158	75 Fire Sprinkler-weekly log review	PM	D158
8 Air-Handlers	PM	outsourced	76 First Aid kits	PM	D158
9 Air-handlers -add anti-microbe tabs	PM	D158	77 Floor drain trap filling	PM	D158
10 Air-handlers -filter changes	PM	D158	78 Freezestats / Outside air damper position	PM	D158
11 Anode rod replacements-water heaters & storage tanks	PM	D158	79 Flush Eye Wash Station	PM	D158
12 Attic Inspections	PM	D158	80 Folding partition inspect/adjust	PM	outsourced
13 Backflow Preventers	PM	outsourced	81 Forklift PM	PM	outsourced
14 Basketball backboard inspections	PM	outsourced	82 GFCI receptacle tests-all-annual	PM	D158
15 Bleacher Inspections	PM	in-house/outsourced	83 GFCI receptacle tests-exterior-monthly	PM	D158
16 Boiler logs and inspection-daily	PM	D158	84 Grease trap clear in kitchens	PM	in-house / outsourced
17 Boiler/Chill Water Treat	PM	outsourced	85 Grounds Condition Assessment	PM	D158
18 Boiler-burner tune	PM	outsourced	86 Heat wheels	PM	D158
19 Boilers - monthly	PM	D158	87 Hot water storage tank draining	PM	D158
20 Boilers- test emergency shut-off	PM	D158	88 Housekeeping surveillance	QC	in-house-2/3x per wk
21 Boilers-annual open, inspect, clean	PM	D158	89 Housekeeping surveillance	QC	outsourced/in-house
22 Boilers-annual recertification	PM	outsourced	90 HVAC systems-computer network hubs	PM	outsourced
23 Boilers-semi-annual	PM	outsourced	91 Hydronic water filter cartridge check / replace	PM	D158
24 Boiler make Up Air Preheat System	PM	D158	92 Infrared heaters-Trans	PM	D158
25 Building Automation system	PM	outsourced	93 Keyless entry sys-semi-annual	PM	outsourced
26 Burglar alarm system test	PM	D158	94 Kitchen equip - replace filters	PM	D158
27 Bus block heater timer-Test batteries	PM	D158	95 Kitchen equip exhaust hood filter cleaning	PM	D158
28 Bus wash	PM	outsourced(Trans)	96 Kitchen Equip-clean drain bowls	PM	D158
29 Cafeteria Table (Folding)	PM	D158	97 Kitchen exhaust dust & fan housing cleaning	PM	outsourced
30 Carbon monoxide sensor testing	PM	D158	98 Kitchen range hood Ansul systems	PM	outsourced
31 Chiller-draining/filling	PM	D158	99 Ladder inspections	PM	D158
32 Chiller-oil sample analysis	PM	outsourced	100 ladder Support Bracket	PM	D158
33 Chillers-monthly (ops season)	PM	D158	101 Lift Station	PM	D158
34 Chillers-semi-annual	PM	outsourced	102 Light pole visual inspect structural	PM	D158
35 Clean screens on drain tile outlets HRC only	PM	D158	103 Lockdown system function test	PM	D158
36 PE climbing wall checks	PM	D158	104 MUA units	PM	D158
37 condensate pumps	PM	D158	105 O&M Trailer PM	PM	D158
38 Custodial Equipment-D158 owned	PM	D158	106 Personnel Lifts	PM	outsourced
39 Destratification fans	PM	D158	107 Plaster trap cleaning in science/art rooms	PM	D158
40 Dimmer Control Rack - HHS PAC	PM	D158	108 Playground Equipment-annual	PM	outsourced
41 Dock leveler (at Admin Trans only)	PM	D158	109 Playground Equipment-weekly report	PM	D158
42 Door hardware checks	PM	D158	110 portable cooling systems	PM	D158
43 Door hardware-all-annually	PM	D158	111 Pumps-Chilled Water Circulation	PM	D158
44 Door hardware-Exterior -monthly	PM	D158	112 Pumps-circ, ejector, submersible	PM	D158
45 Dust collectors (HHS IT rooms)	PM	outsourced	113 Refrigerant sensors	PM	D158
46 Elevator phone check	PM	D158	114 Roll-up doors drop tests	PM	outsourced
47 Elevator fireman's key ops check	PM	D158	115 Roofs-annual condition reports	PM	outsourced
48 Elevator-quarterly	PM	outsourced	116 Roofs-monthly	PM	D158
49 Elevator-annual hydraulic test	PM	outsourced	117 RTU - filter changes	PM	D158
50 Elevator-semi-annual recertification	PM	outsourced	118 RTU -add anti-microbe tabs	PM	D158
51 Emergency Generators-annual	PM	outsourced	119 RTU- condensate drain purge	PM	D158
52 Emergency Generators-monthly	PM	D158	120 Sealant Replace-Conley Mack. Metal Roofs	PM	D158
53 Emergency Generators-weekly logs	PM	D158	121 Sectional Overhead doors	PM	D158
54 Emergency Lights - 30 second test	PM	D158	122 Site Lighting Check	PM	D158
55 Emergency Lights - 90 minute test	PM	D158	123 Snow tractor/blower	PM	D158
56 Exhaust fans	PM	D158	124 Solar Array hardware	PM	outsourced
57 Exterior Building envelop inspections	PM	D158	125 Spray booth (HHS IT rooms)	PM	D158
58 Facility Condition assessment-multiple per week-varies	QC	in-house	126 Thermostatic Mixing Valves	PM	D158
59 Fire Alarm Print maint. list-smoke detectors	PM	D158	127 Three-way Mixing Valves -hydronic systems	PM	D158
60 Fire Alarm slave printer printout	PM	D158	128 Transfer Switch (emergency Generator systems)	PM	outsourced
61 Fire Alarm systems-annual	PM	outsourced	129 Unit ventilator fresh air intake cleaning	PM	D158
62 Fire Alarm systems-monthly	PM	D158	130 Unit Ventilators-filter changes	PM	D158
63 Fire Extinguishers	PM	outsourced	131 variable speed drives -heat syncs	PM	D158
64 Fire pump - annual	PM	outsourced	132 VAV/FP boxes -filter change	PM	D158
65 Fire pump - weekly	PM	D158	133 Wall hydrant draining per-winter	PM	D158
66 Fire Sprinkler-25 year	PM	outsourced	134 Water Heaters-annually	PM	outsourced
67 Fire Sprinkler-annual	PM	outsourced	135 Water softener Salt level check	PM	D158
68 Fire Sprinkler-daily logs	PM	D158	136 Water softener testing/log	PM	D158

# District 158 O&M Work Requests processed in FY23

Total Quantity of Work Request processed by O&M staff by Type during FY23 7,007

PM and Work Requests By Type



Request Type	Requests
Asphalt Repair	3
carpentry	26
Ceiling Repair/Replace	138
Clean Request	675
Clock Repair/Replace	152
Delivery/Move Items	1464
Doors/Hardware Repair	258
Electrical Repair	198
Equipment Repair	59
fire sprinkler	31
Floor Repair	11
Food Service Repair	18
furniture repairs	206
Furniture-Move/Storage	586
Grounds Complaint	16
Housekeeping Complaint	81
HVAC Repair	386

Request Type	Requests
Landscaping/Grounds	57
Leak-Investigate/Repair	65
Lighting Repair	206
Locker Repair	122
Miscellaneous Repair	643
Painting/Drywall Repair	23
Pest Control	90
Playground-Inspect/Repair	11
Plumbing Repair	347
Projects	287
Request to Disinfect Room (E-Mist)	55
Restock sanitizer and disinfecting w	423
Security systems repair-burg and/o	10
Set-Up	339
Snow Removal Complaint	8
Vandalism ***	13

\*\*\* = many undocumented as response actions not reported in FMX

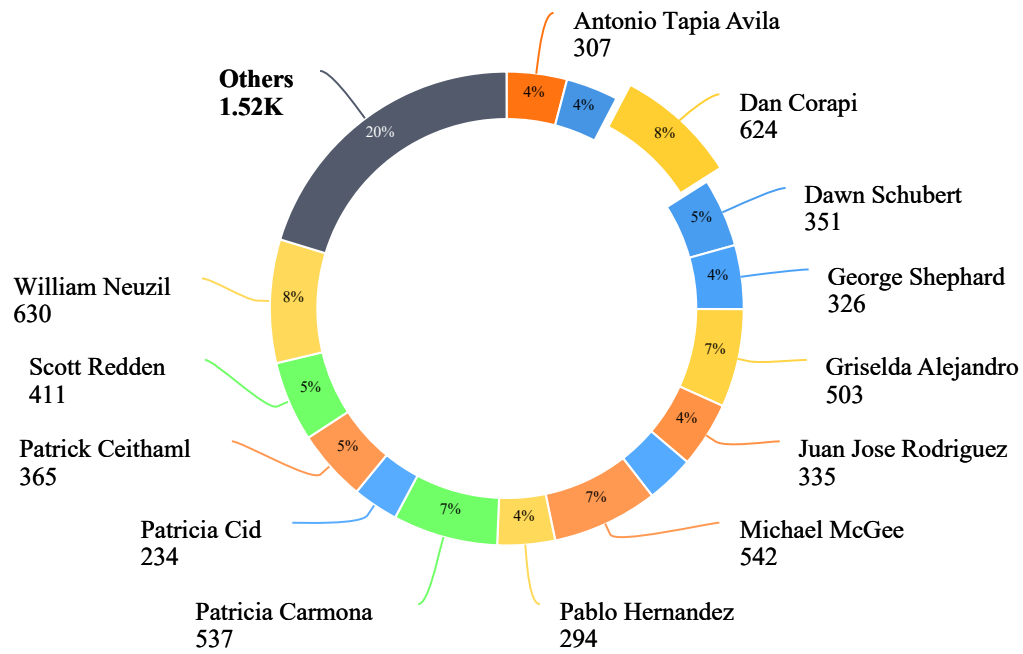
**District 158 O&M Dept. aggregated average response time to Work Requests**

## **Average Response Time (Days)**

**3.66**

**Average Resolution Time (Days) 3.47**

**for all responses posted to FMX software in calendar year 2023**

**Assigned Requests by User**

For FY23 as downloaded from FMX

# Trend of Work Requests Created Per Month 2023

