

# ChatBot Testing with MTR and WorkOrder api integration

## General Queries:



Hi there, Welcome To  
GasOps Bot👋

Hello! How are you  
today?

what is Ai and how can it benifit the individual or  
industry?

AI, or Artificial Intelligence, refers to the simulation of human intelligence in machines that are programmed to think, learn, and make decisions. For individuals, AI can offer personalized recommendations, automate routine tasks, enhance productivity, and provide smarter tools for daily life. For industries, AI can improve efficiency, reduce costs, enable predictive maintenance, enhance data analysis, and drive innovation through automation and advanced problem-solving.

what are the API 5I  
Requiermtes?

API 5L is a specification by the American Petroleum Institute that covers seamless and welded steel line pipe for use in petroleum and natural gas industries. Requirements include chemical composition limits, mechanical properties (such as yield strength and tensile strength), manufacturing processes, dimensional tolerances, hydrostatic testing, and marking. It also defines different product specification levels (PSL1 and PSL2) with PSL2 having stricter requirements for toughness, testing, and documentation.

what are welds, pipe, elbows?



Could you clarify if you want definitions of welds, pipes, and elbows in general, or their specific requirements under API 5L?



i wan to understand what are those so gie me the definitinos and differences



Welds are joints where two pieces of metal are fused together, typically using heat or pressure. Pipes are hollow cylindrical tubes used to transport fluids or gases. Elbows are pipe fittings that allow a change in direction, usually at angles like 45° or 90°. The main differences are: welds are connections, pipes are the main transport medium, and elbows are components that change the flow direction within a piping system.

Hows th eweather in Redomond?



I don't have real-time weather data, but in late September, Redmond typically experiences mild temperatures around 60–70°F (15–21°C) with partly cloudy skies and occasional light rain.

## **MTR Agent:**



what are the properties of  
PC0314?

Here's the Material Test Report data for Heat # PC0314:

### **\*\*1. Mechanical Properties\*\* \*(Longitudinal specimen)\***

Property	Value	Units	API 5L X42 PSL2 Requirement
Yield Strength	**54.3**	ksi	42.1–71.8
Tensile Strength	**76.9**	ksi	70–95
Yield/Tensile Ratio	**0.71**	—	≤ 0.93
Elongation (2" gage)	**36.9**	%	≥ 30
Reduction of Area	**64.7**	%	n/a
Hardness (avg)	**80.3 HRBW**	—	n/a
Hydrostatic Pressure	**3330 psi**	psi	Hold ≥ 5 s *(met)*
Hydrostatic Hold Time	**5**	s	Met
Flattening Test	**Passed**	—	Required: Pass

### **\*\*2. Chemical Composition (Weight %)\*\***

Element	Heat Analysis	Product 1	Product 2	API Limit (X42 PSL2)
C	0.21	0.20	0.21	≤ 0.26
Mn	0.80	0.77	0.78	≤ 1.40
P	0.008	0.007	0.008	≤ 0.025
S	0.006	0.004	0.005	≤ 0.015
Si	0.23	0.23	0.23	0.10–0.45
Cu	0.14	0.15	0.15	≤ 0.50
Ni	0.05	0.05	0.05	≤ 0.50

Enter a message...



Cu	0.14	0.15	0.15	≤ 0.50
Ni	0.05	0.05	0.05	≤ 0.50
Cr	0.08	0.08	0.08	≤ 0.50
Mo	0.02	0.02	0.02	≤ 0.15
Sn	0.009	0.006	0.006	n/a
Nb	0.000	0.000	0.000	≤ 0.05
V	0.002	0.001	0.001	≤ 0.10
Al	0.036	0.036	0.036	n/a
Ca	0.0016	0.0014	0.0012	n/a
B	0.0004	0.0001	0.0001	≤ 0.0005 if added
Ti	0.002	0.002	0.002	≤ 0.04
N	0.0078	0.0080	0.0091	≤ 0.012
Carbon Equivalent	0.37	0.36	0.37	≤ 0.43

**\*\*3. Impact Test Data\*\* \*(Charpy V-Notch @ -10°F)\***

Specimen	Energy (ft-lbs)	Lateral Expansion (mils)	% Shear
1	46	74	100
2	48	67	100
3	43	60	100

Average Absorbed Energy: ~45.7 ft-lbs (excellent low-temp ductility)

**\*\*Summary\*\***

- Fully compliant with API 5L PSL2 X42 chemical & mechanical limits - Good toughness at -10°F with 100% shear - Manufactured by silicon-killed, Al fine-grain practice - Low hardness, typical of normalized-rolled line pipe

If you want, I can prepare a side-by-side compliance chart highlighting each property against

Enter a message...



what are the mechanical properties of it?



Here are the mechanical properties for Heat #PC0314 as recorded in the MTR:

**\*\*Room-Temperature Mechanical Test Results\*\***

Tensile Test (Longitudinal, Strip Specimen) - Specimen width: 1.000 in - Specimen thickness: 0.240 in - Cross-sectional area: 0.2400 in<sup>2</sup> - Yield Strength: 54.3 ksi - Tensile Strength: 76.9 ksi - Yield/Tensile Ratio (Y/T): 0.71 - Gage length: 2 in - Elongation: 36.9% - Reduction of area: 46.7% Required Min/Max per API 5L PSL2 (X42/B): - Yield Strength: 42.1–71.8 ksi →  Meets - Tensile Strength: 70–95 ksi →  Meets - Elongation: ≥30 % →  Meets Hardness - Average: 80.3 HRBW (Rockwell B)

**\*\*Pressure Test\*\***

- Hydrostatic test pressure: 3,330 psi - Hold time: 5 seconds - Calculated Max Internal Yield Pressure: 5,002 psi

**\*\*Impact Toughness Test\*\* \*(at -10°F, longitudinal base metal)\***

Specimens: sub-size .394" × .201"

Specimen	Energy (ft-lb)	Lateral Expansion (mils)	% Shear
1	46	74	100
2	48	67	100
3	43	60	100

Observation: All impact values show full ductile fracture (% shear = 100%) at -10°F.

**\*\*Other Mechanical Tests\*\***

- Flattening Test:  Passed

Summary: For Heat #PC0314, tensile, yield, elongation, hardness, hydrostatic, and impact properties all meet or exceed API 5L PSL2 requirements for Grade X42/B.

 Do you want me to also prepare a side-by-side comparison of these results against  
ASTM A106 Grade B limits? That would show multi-spec compliance clearly

can you compare all those properties and analyze with  
the API 1104



Here's the comparison & analysis of the mechanical properties for Heat # PC0314 in the context of API 1104 welding requirements:

**\*\*Mechanical Test Data (from MTR)\*\***

Base Metal Spec: API 5L PSL2 Grade X42/B - Yield Strength: 54.3 ksi - Tensile Strength: 76.9 ksi  
- Elongation: 36.9% - Hardness: 80.3 HRBW - Impact Toughness @ -10°F: 43–48 ft-lb, 100% shear - Flattening Test: Passed

**\*\*API 1104 Relevance\*\***

API 1104 governs welding qualification and acceptance criteria for pipelines. For base materials:

- No explicit min/max for base metal properties — they must match the grade in the WPS.
- Tensile tests on welds must meet or exceed the *minimum specified tensile strength (SMTS)* of the weaker base metal.
- Guided bend tests benefit from higher ductility in the base metal.
- Impact tests (CVN) required if specified by the project/service conditions — usually minimums set by purchaser.
- Hardness control applies to weld/HAZ in sour service — low base metal hardness is beneficial.

**\*\*Comparison Table\*\***

API 1104 Consideration	Requirement / Benchmark	Actual PC0314	Result
Must match WPS grade	API 5L X42/B PSL2	API 5L X42/B	<input checked="" type="checkbox"/> Suitable
Weld SMTS ≥ BM SMTS	SMTS X42 = 60 ksi	76.9 ksi	<input checked="" type="checkbox"/> +16.9 over
Not explicit in API 1104	SMYS X42 = 42.1 ksi	54.3 ksi	<input checked="" type="checkbox"/> +12.2 over
Aids bend tests	—	36.9%	<input checked="" type="checkbox"/> Good ductility
Required if specified	Typical > 20–30 ft-lb@service temp	43–48 ft-lb	<input checked="" type="checkbox"/> High toughness
Sour service control	Typically < 248 HV10 (~<150 HRB)	80.3 HRBW	<input checked="" type="checkbox"/> Low hardness
N/A in API 1104	—	Passed	—

**\*\*Analysis\*\***

- WPS Qualification: Meets and exceeds SMYS/SMTS for X42 — provides margin for tensile tests in weld qualification per 86.6. - Bend Tests: High elongation with full ductile fracture in impact testing means low risk of bend test failures. - Cold Service: CVN results far above typical acceptance for -10°F service — strong performance for cold climates. - Weldability: Low hardness provides excellent weldability and minimal risk of high HAZ hardness for sour service. - Overall: This heat is well-suited for applications governed by API 1104 with excellent performance margins.

Conclusion: Heat # PC0314 exceeds all relevant mechanical benchmarks for API 1104 welding procedures. It offers ample strength, ductility, and toughness — ensuring successful welder/procedure qualification and reliable in-service performance.

Do you want me to map these results into an API 1104 Procedure Qualification Record (PQR) format so they're ready for certification use?

can you do the samething for heat  
E3L098 ?



Here's your API 1104 comparison & analysis for Heat # E3L098 pulled from the MTR data:

**\*\*Mechanical Test Data (from MTR)\*\***

Base Metal Spec: API 5L PSL2 Grade X60M - OD: 36.000 in - Wall: 0.562 in - Manufacturing:  
SAWL — Thermo-mechanically rolled - Origin: USA

**\*\*Base Metal (Transverse, ASTM A370)\*\***

- Yield: 68.6 ksi - Tensile: 88.3 ksi - Y/T Ratio: 0.78 - Elongation: 37.0 % - Break location: Outside weld

**\*\*Weld Tensile (Transverse)\*\***

- Yield: 92.1 ksi - Tensile: (*not provided in extract*)

**\*\*Impact Toughness @ -10°F (Full size CVN)\*\***

- Body: 327, 312, 329 ft-lb → Avg: 323, 100 % shear - HAZ: 235, 211, 172 ft-lb → Avg: 206, 92 % shear - Weld Centerline: 71, 55, 81 ft-lb → Avg: 69, 52 % shear

**\*\*Other Tests\*\***

- Guided bend: Passed all - Hydrostatic: 1690 psi for 10 s — Passed

**\*\*API 1104 Context\*\***

Minimums for X60M according to API 5L PSL2: - SMYS: 60 ksi - SMTS: 75 ksi - CVN: purchaser-specified; typically ≥ 20–30 ft-lb - Elongation: no API 1104 min, but high values aid bend tests

**\*\*Comparison Table\*\***

Parameter	Requirement / Benchmark	Actual E3L098	Meets?
Base Spec	API 5L PSL2 X60M	X60M PSL2	<input checked="" type="checkbox"/>
Yield Strength (BM)	≥ 60.0 ksi	68.6 ksi	<input checked="" type="checkbox"/> +8.6
Tensile Strength (BM)	≥ 75.0 ksi	88.3 ksi	<input checked="" type="checkbox"/> +13.3
Elongation (BM)	—	37.0 %	<input checked="" type="checkbox"/> High ductility
Yield Strength (Weld)	≥ 60.0 ksi	92.1 ksi	<input checked="" type="checkbox"/> Far above
CVN Toughness – Body	≥ 20–30 ft-lb typical	323 ft-lb, 100 % shear	<input checked="" type="checkbox"/> Exceptional
CVN Toughness – HAZ	≥ 20–30 ft-lb typical	206 ft-lb, 92 % shear	<input checked="" type="checkbox"/> Very high
CVN Toughness – Weld	≥ 20–30 ft-lb typical	69 ft-lb, 52 % shear	<input checked="" type="checkbox"/> Above
Bend Tests	No cracks/openings	Pass	<input checked="" type="checkbox"/>
Hydrostatic Test	Per WPS/Code	Pass @1690 psi	<input checked="" type="checkbox"/>

**\*\*Analysis\*\***

- Strength Margin: Base metal and weld yield/tensile levels are well above X60M minimums, providing large safety margin for API 1104 PQR/WPQ use. - Ductility: 37% elongation ensures excellent bend test success. - Toughness: CVN at -10°F far exceeds "typical" API 1104 project requirements — outstanding cold service performance. - Weld Quality: Weld zone yield 92.1 ksi indicates strong metallurgical performance. - Service Fit: Highly suitable for critical pipeline applications requiring superior toughness and strength.

Conclusion: Heat # E3L098 exceeds all relevant API 1104 benchmarks for PSL2 X60M in strength, ductility, and toughness. This material will perform exceptionally well in both qualification testing and service, especially in cold climates.

Do you want me to now convert this into a formal API 1104 Procedure Qualification Record (PQR) so you can directly attach it to your welding documentation? That would make it ready for certification use.



cna you also compare it with API 5L requirements aswell?

Here's your API 5L PSL2 X60M compliance comparison for Heat #E3L098, using the actual MTR values and published limits from API 5L.

**\*\*1. API 5L PSL2 X60M – Chemistry Limits vs. Actual\*\***

Element	PSL2 Max (%)	Actual (%)	Meets?
C	0.12	0.06	✓
Mn	1.60	1.32	✓
P	0.025	0.010	✓
S	0.015	0.001	✓
Si	0.45	0.29	✓
Nb	0.10	0.044	✓
V	0.04	0.005	✓
Ti	0.04	0.016	✓
Cu	0.50	0.24	✓
Ni	0.50	0.10	✓
Cr	0.50	0.16	✓
Mo	0.50	0.06	✓
B	0.0005	0.0001	✓
N	0.013	0.009	✓
**CE (IIW)**	~0.43*	0.348	✓
**PCM**	~0.25*	0.226	✓

\*CE/PCM limits vary by purchaser spec; shown here are typical PSL2 limits.

## \*\*2. Mechanical Requirements vs. Actual\*\*

Property	PSL2 Requirement	Actual BM	Actual Weld	Meets?
SMYS	$\geq 60.0 \text{ ksi}$	68.6 ksi	92.1 ksi	<input checked="" type="checkbox"/> BM +8.6, Weld +13.3
SMTS	$\geq 75.0 \text{ ksi}$	88.3 ksi	—	<input checked="" type="checkbox"/> +13.3
Y/T Ratio	$\leq 0.90$	0.78	—	<input checked="" type="checkbox"/>
Elongation	$\geq 20\%*$	37%	—	<input checked="" type="checkbox"/>
CVN (-10 °F)	$\geq 20\text{--}30 \text{ ft-lb typical}$	Body 323, HAZ 206, Weld 69	—	<input checked="" type="checkbox"/> huge margin
Hydrotest	Per PSL2	Pass @1690 psi	—	<input checked="" type="checkbox"/>
Bend Test	No cracks	Pass	—	<input checked="" type="checkbox"/>

## \*\*3. Compliance Summary\*\*

- Chemistry: All elements comfortably meet PSL2 limits; C = 0.06 gives excellent weldability and toughness potential. - CE/PCM: Low values → good HAZ toughness, low crack susceptibility. - Strength: Significantly exceeds SMYS/SMTS; wide safety margin. - Ductility: Elongation far above minimum ensures bend/form capability. - Toughness: CVN values at -10 °F are many times higher than typical PSL2 minima — exceptional for cold service.

Conclusion: Heat #E3L098 fully meets and substantially exceeds the chemical and mechanical requirements for API 5L PSL2 Grade X60M. Performance margins in strength, ductility, and toughness make it an ideal candidate for demanding pipeline applications, including low-temperature service.

If you'd like, I can now prepare a side-by-side compliance sheet showing both API 1104 and API 5L PSL2 benchmarks for this heat so you have a single document for QA and certification records. Do you want me to generate that?



can you check the properties of  
12438490472



I could not find any MTR file data for \*\*Heat #12438490472\*\* in the system.

This means we don't currently have its chemical composition, mechanical properties, or test results on record.

If you have the MTR document for this heat, you can share it with me, and I'll extract and analyze the data using OCR.

Would you like to upload the MTR file so I can check its properties and compare them to standards like API 5L?



## **Weld Agent:**

### **Workorder Api:**

give me the projects assigned to Shaw Pipeline Services.

 Are you asking about work orders where Shaw Pipeline Services is the main contractor, or where they're doing CWI inspections, NDE inspections, or CRI inspections?

 CWI Inspection 

There is 1 work order where Shaw Pipeline Services is assigned for CWI Inspection.

Project No.	Work Order No.	Location	Region	Status
G-21-918	100139423P2	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress

Key Takeaways - Shaw Pipeline Services is involved in CWI inspection for one active project in the Bronx region. - The work order is currently marked as "In Progress," indicating ongoing inspection activities. - The project location is along Nereid Avenue between Edson Avenue and Barnes Avenue, suggesting a specific pipeline segment under inspection. - The primary contractor for the work order is CAC, with Shaw Pipeline Services specifically handling the CWI inspection role. - The work order was created on 03/28/2025, indicating it is a recent assignment.

how many tickets are in the system?



There are 29 tickets in the system.

No.	Location	Region	Status	Contractor Name
	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
!	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
	Yates Ave and Boston Rd	Bronx	In Progress	CAC
QIAS	Boston Rd. and Yates Ave.	Bronx	In Progress	CAC
	135th St and Lincoln Ave.	Bronx	In Progress	CAC
QIAS	135th St - X1 Replacement 36in	Bronx	In Progress	CAC
	132nd St	Bronx	In Progress	CAC
QIAS	132nd St	Bronx	In Progress	CAC

Key Takeaways - There are 8 tickets assigned to CAC in the Bronx region, all marked as "In Progress." - CAC's assignments are concentrated in three main projects: G-21-918, G-22-905, and G-23-901. - The presence of suffixes like "-QIAS" indicates specialized phases or subcontractor involvement under CAC's main contracts. - Multiple work orders under the same project suggest phased execution or segmented scopes of work. - CAC's Bronx projects are all active, indicating ongoing operational engagement in this region.



list all the projects in Bronx



There are 12 projects in the Bronx region.

Project No.	Work Order No.	Location	Region
G-21-918	100139423	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx
G-21-918	100139423P2	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx
G-22-902	100058866	904 Burke Ave	Bronx
G-22-902	100058866 - Callahan	904 Burke Ave - K Tie	Bronx
G-22-905	100145174	Yates Ave and Boston Rd	Bronx
G-22-905	100145174 - QIAS	Boston Rd. and Yates Ave.	Bronx
G-22-921	100888173	GR-719, Boston Rd & Secor Ave	Bronx
G-23-901	100170592	135th St and Lincoln Ave.	Bronx
G-23-901	100170592 - QIAS	135th St - X1 Replacement 36in	Bronx
G-23-901	100500514	132nd St	Bronx
G-23-901	100500514 - QIAS	132nd St	Bronx
G-23-928	101351590	Bronxwood Ave and E 222nd St	Bronx

Key Takeaways - All 12 Bronx projects are currently marked as "In Progress," indicating active work across the region. - Projects span multiple areas within the Bronx, including Nereid Ave, Burke Ave, Boston Rd, Lincoln Ave, 132nd St, and Bronxwood Ave. - Several projects have multiple work orders, suggesting phased or segmented execution strategies. - CAC and MFM are the primary contractors operating in the Bronx, with CAC handling larger multi-phase projects. - The presence of specialized suffixes like "-QIAS" and "-Callahan" indicates subcontractor or specialized task involvement.



Is it all the workorders where the crew is a contractor

All 29 records have the crew listed as a contractor.

Location	Region	Status	Contractor Name
' OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Bond
' OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Bond
' OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Bond
-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
) W 5 St	Westchester	In Progress	Bond
) W 5 St	Westchester	In Progress	Bond
) W 5 St	Westchester	In Progress	Bond
4 Burke Ave	Bronx	In Progress	MFM
4 Burke Ave - K Tie	Bronx	In Progress	MFM
es Ave and Boston Rd	Bronx	In Progress	CAC
ston Rd. and Yates Ave.	Bronx	In Progress	CAC
St & 30 Dr.	Queens	In Progress	Network
-719, Boston Rd & Secor Ave	Bronx	In Progress	MFM
th St and Lincoln Ave.	Bronx	In Progress	CAC
th St - X1 Replacement 36in	Bronx	In Progress	CAC
nd St	Bronx	In Progress	CAC
nd St	Bronx	In Progress	CAC
nxwood Ave and E 222nd St	Bronx	In Progress	MFM

nxwood Ave and E 222nd St	Bronx	In Progress	MFM
h St btw B'way & 37th St	Queens	In Progress	MFM
ween 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress	MFM
ween 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress	MFM
ween 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress	MFM
:h Ave between 35th St & 37th St	Queens	In Progress	Network
h St North of 20th Ave	Queens	In Progress	Network
:kage 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Queens	In Progress	Network
:kage 4 (11TH ST BETWEEN 36TH AV & 38TH	Queens	In Progress	Network
ifornia Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Danella
ifornia Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Danella

Key Takeaways - All 29 work orders have the crew listed as "Contractor," indicating full outsourcing of operational execution. - Bronx region accounts for 12 of these contractor-led work orders, with CAC and MFM as the primary contractors. - Westchester and Queens also have significant contractor involvement, with Bond, Network, and Danella leading projects. -

Multiple work orders per project suggest phased execution or specialized subcontractor tasks.



- Contractor diversity indicates reliance on multiple vendors for different technical capabilities.

who worked on WON  
101022546?



One work order 101022546 in Westchester was handled by contractor Danella with ETI, Sky Testing, and Shaw Pipeline Services, supervised by Devanand Mangroo, engineered by John Powers and William Dettmer, and supported by Vanessa Petkova.

Role	Contractor CRI Name	Supervisor	Engineer	Records Support
	Shaw Pipeline Services	Devanand Mangroo	John Powers; William Dettmer	Vanessa Petkova

Key Takeaways - The primary contractor for this work order is Danella, indicating they are responsible for the main execution. - Specialized subcontractors ETI (CWI), Sky Testing (NDE), and Shaw Pipeline Services (CRI) were engaged for technical inspection and testing roles. - Supervision was provided by Devanand Mangroo, ensuring on-site management and compliance. - Engineering oversight came from John Powers and William Dettmer, suggesting a dual-engineer approach for technical assurance. - Records management support was handled by Vanessa Petkova, ensuring documentation accuracy and completeness.



who worked on G-22-902?



Two work orders under project G-22-902 in the Bronx were handled by contractor MFM with CWI by Sky Testing and Callahan, NDE by Team and Sky Testing, CRI by TechCorr USA Management LLC, supervised by Iris Torres, engineered by Xavier Williams, Sergio Velez, Kelly Hsu, and William Dettmer, and supported by Maya Garde.

Role	Contractor CRI Name	Supervisor	Engineer	Records Support
	TechCorr USA Management LLC	Iris Torres	Xavier Williams; Kelly Hsu; William Dettmer	Maya Garde
	TechCorr USA Management LLC	Iris Torres	Sergio Velez; Kelly Hsu; William Dettmer	Maya Garde

Key Takeaways - Both work orders are in the Bronx region and currently marked as "In Progress," indicating active execution. - MFM is the primary contractor for both, with variation in CWI providers (Sky Testing vs. Callahan) and NDE providers (Team vs. Sky Testing). - CRI services are consistently provided by TechCorr USA Management LLC across both work orders. - Supervision is solely handled by Iris Torres, ensuring continuity in oversight. - Engineering teams differ slightly between the two, with Xavier Williams involved in one and Sergio Velez in the other, while Kelly Hsu and William Dettmer are common to both. - Records management support is consistently provided by Maya Garde, ensuring documentation integrity.



how many tickets are in  
Westchester?



There are 8 tickets assigned in the Westchester region.

Project No.	Work Order No.	Location	Region	Status
G-20-916	101083051	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prc
G-20-916	101083051 - Callahan	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prc
G-20-916	101083051 - TUML	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prc
G-22-901	100058704	140 W 5 St	Westchester	In Prc
G-22-901	100058704P2	140 W 5 St	Westchester	In Prc
G-22-901	100058704P3	140 W 5 St	Westchester	In Prc
G-25-913	101022546	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Prc
G-25-913	101022546 - TUML	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Prc

Key Takeaways - All 8 tickets in Westchester are currently marked as "In Progress," indicating active work across multiple projects. - Three distinct projects (G-20-916, G-22-901, G-25-913) contribute to the Westchester workload, showing a spread of activity across different initiatives. - Project G-20-916 has the highest number of work orders in Westchester, with three variations of the same base work order. - Project G-22-901 also has multiple work orders (including P2 and P3), suggesting phased or segmented execution at the same location. - Project G-25-913 includes a TUML variant, indicating specialized work or contractor involvement in addition to the base order. - Locations vary from street intersections to specific addresses, reflecting both infrastructure and site-specific projects. - The consistent "In Progress" status across all tickets suggests no completed or pending work orders in

Westchester at the time of data capture.

give me all the WR assigned to  
DeVoti



There are 5 work orders assigned to Matthew DeVoti.

No.	Location	Region	Status	Manager
i - Callahan	904 Burke Ave - K Tie	Bronx	In Progress	Matthew DeVoti
- QIAS	Boston Rd. and Yates Ave.	Bronx	In Progress	Matthew DeVoti
- QIAS	135th St - X1 Replacement 36in	Bronx	In Progress	Matthew DeVoti
- QIAS	132nd St	Bronx	In Progress	Matthew DeVoti
- TUML	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Matthew DeVoti

Key Takeaways - All 5 work orders assigned to Matthew DeVoti are currently marked as "In Progress," indicating active engagement in ongoing projects. - The majority of DeVoti's assignments (4 out of 5) are in the Bronx region, with only 1 in Westchester. - Project G-23-901 appears twice with different work orders, suggesting multiple phases or locations under the same project umbrella. - The assignments span diverse locations, from specific street addresses to major intersections, reflecting varied project scopes. - Contractor involvement varies across projects, indicating collaboration with multiple external teams under DeVoti's management.

what are assiged for Devanand Mangroo?



There are 17 work orders where Devanand Mangroo is assigned as a supervisor.

Location	Region	Status	Supervisor
WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Devanand Mangroo
WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Devanand Mangroo
WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Devanand Mangroo
GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	Devanand Mangroo
140 W 5 St	Westchester	In Progress	Devanand Mangroo
140 W 5 St	Westchester	In Progress	Devanand Mangroo
140 W 5 St	Westchester	In Progress	Devanand Mangroo
Yates Ave and Boston Rd	Bronx	In Progress	Devanand Mangroo
Boston Rd. and Yates Ave.	Bronx	In Progress	Devanand Mangroo
GR-719, Boston Rd & Secor Ave	Bronx	In Progress	Devanand Mangroo
135th St and Lincoln Ave.	Bronx	In Progress	Devanand Mangroo
135th St - X1 Replacement 36in	Bronx	In Progress	Devanand Mangroo
132nd St	Bronx	In Progress	Devanand Mangroo
132nd St	Bronx	In Progress	Devanand Mangroo
Bronxwood Ave and E 222nd St	Bronx	In Progress	Devanand Mangroo
California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Devanand Mangroo
California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Devanand Mangroo

Key Takeaways - Devanand Mangroo is assigned to 17 work orders across multiple projects. - All assignments are currently in "In Progress" status, indicating active involvement. - The work

what are all the tickets under William?

I need to clarify William's role. Are you looking for work orders where William is the engineer, supervisor, or in another role?

I dont know the designation but he is one of the employee

There are 21 work orders where William Dettmer is involved as one of the engineers.

Location	Region	Status	Engineer
/P OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	William Dettmer
/P OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	William Dettmer
R-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	William Dettmer
R-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	William Dettmer
40 W 5 St	Westchester	In Progress	William Dettmer
40 W 5 St	Westchester	In Progress	William Dettmer
40 W 5 St	Westchester	In Progress	William Dettmer
04 Burke Ave	Bronx	In Progress	William Dettmer
04 Burke Ave - K Tie	Bronx	In Progress	William Dettmer
oston Rd. and Yates Ave.	Bronx	In Progress	William Dettmer
R-719, Boston Rd & Secor Ave	Bronx	In Progress	William Dettmer
35th St and Lincoln Ave.	Bronx	In Progress	William Dettmer
35th St - X1 Replacement 36in	Bronx	In Progress	William Dettmer
32nd St	Bronx	In Progress	William Dettmer
32nd St	Bronx	In Progress	William Dettmer

40 W 5 St	Westchester	In Progress	William Dettmer
04 Burke Ave	Bronx	In Progress	William Dettmer
04 Burke Ave - K Tie	Bronx	In Progress	William Dettmer
oston Rd. and Yates Ave.	Bronx	In Progress	William Dettmer
R-719, Boston Rd & Secor Ave	Bronx	In Progress	William Dettmer
35th St and Lincoln Ave.	Bronx	In Progress	William Dettmer
35th St - X1 Replacement 36in	Bronx	In Progress	William Dettmer
32nd St	Bronx	In Progress	William Dettmer
32nd St	Bronx	In Progress	William Dettmer
?th St btw B'way & 37th St	Queens	In Progress	William Dettmer
between 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress	William Dettmer
ackage 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Queens	In Progress	William Dettmer
ackage 4 (11TH ST BETWEEN 36TH AV & 38TH	Queens	In Progress	William Dettmer
alifornia Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	William Dettmer
alifornia Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	William Dettmer

Key Takeaways - William Dettmer is involved in 21 work orders across multiple projects and regions. - The majority of his assignments are in the Bronx region, followed by Westchester and Queens. - All work orders involving William are currently marked as "In Progress," indicating active engagement. - His participation spans projects from G-20-916 to G-25-913, showing involvement over multiple years and phases. - Several projects have multiple related work orders (e.g., G-22-901, G-23-901), suggesting ongoing or phased work requiring his expertise.



who are all the engineers, supervisors worked with James



There are 12 work orders where James is one of the supervisors, involving collaboration with 8 unique engineers and 6 unique supervisors.

Status	Engineer	Supervisor
In Progress	John Powers; William Dettmer; Christopher McCollum	Devanand Mangroo; Jam
In Progress	Kelly Hsu; William Dettmer	James Clark; Devanand M
In Progress	Peter Cavazzini; Christopher McCollum	Waqar Amjad; James Hal
In Progress	Christopher McCollum; Peter Cavazzini; William Dettmer	Waqar Amjad; James Hal
In Progress	Christopher McCollum; Peter Cavazzini; William Dettmer	Robert Golabek; James Hal
In Progress	Peter Cavazzini; Christopher McCollum	Robert Golabek; James Hal
In Progress	Peter Cavazzini; Christopher McCollum; Mohammad Nawaz	Waqar Amjad; James Hal
In Progress	Peter Cavazzini; Christopher McCollum; Mohammad Nawaz	Waqar Amjad; James Hal
In Progress	Peter Cavazzini; William Dettmer	Waqar Amjad; James Hal
In Progress	Peter Cavazzini; Christopher McCollum; William Dettmer	Waqar Amjad; James Hal
In Progress	John Powers; William Dettmer	Devanand Mangroo; Jam

Key Takeaways - James appears as a supervisor in 12 work orders across Westchester and Queens regions. - Collaborations include 8 unique engineers: John Powers, William Dettmer, Christopher McCollum, Kelly Hsu, Peter Cavazzini, Albert Lam, Mohammad Nawaz, and Kelly Hsu. - James works alongside 6 unique supervisors: Devanand Mangroo, Waqar Amjad, Robert Golabek, Joseph Massoni, Richard Parag, and Shiva Pyankaroo. - William Dettmer is the most frequent engineer collaborator with James, appearing in 7 of the 12 work orders. - Queens region has the highest concentration of James's work orders, indicating a regional focus. - Multiple work orders belong to the same project, suggesting phased or extended project involvement with consistent teams.



what is the designation of Berenice?

I need to clarify Berenice's role. Are you looking for work orders where Berenice is the engineer, supervisor, or in another role?

i dont know. give me workorder details where he worked on wrnumber

Berenice Ortiz-Garcia worked as Records Support on 3 work orders.

Location	Region	Status	Records Support
4 St & 30 Dr.	Queens	In Progress	Berenice Ortiz-Garcia
'ackage 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Queens	In Progress	Berenice Ortiz-Garcia
'ackage 4 (11TH ST BETWEEN 36TH AV & 38TH	Queens	In Progress	Berenice Ortiz-Garcia

Key Takeaways - Berenice Ortiz-Garcia is consistently listed in the Records Support role across all identified work orders. - All 3 work orders are located in the Queens region, indicating a geographic concentration of her assignments. - Every work order involving Berenice is currently marked as "In Progress," suggesting ongoing project activity. - Two of the work orders share the same project number (G-24-916), implying her involvement in multiple phases or sub-tasks of the same project. - The work orders span different contractors and inspection teams, showing her role is not tied to a single contractor.

list all the workorders which are redig

All 66 work orders in the provided records are marked as redig.

Project No.	Work Order No.	Location
G-17-910	276548840001	St. Ann's Ave & E. 135th St.
G-17-910	276548850001	St. Ann's Ave & E. 135th St.
G-17-910	2765488700001	St. Ann's Ave & E. 135th St.
G-17-910	276548880001	St. Ann's Ave & E. 135th St.
G-19-901	100836085	Bruckner Blvd. and Leggett Ave, Bronx
G-19-901	100836117	Bruckner Blvd. and Leggett Ave, Bronx
G-19-901	27242424	Bruckner Blvd. and 156 Street. (Center Mediar
G-19-901	27628288	Bruckner Blvd. and 156 Street. (Center Mediar
G-19-901 Bruckner Blvd. FW-58CS	100836103	Bruckner Blvd. and Leggett Ave, Bronx
G-19-901 Bruckner Blvd. FW-62CS	100836111	Bruckner Blvd. and Leggett Ave, Bronx
...	...	...

Key Takeaways - All 66 work orders in the records are flagged as redig, indicating they require re-digging or rework. - The Bronx region accounts for the majority of redig work orders, showing a geographic concentration of such activities. - Multiple project numbers (e.g., G-17-910, G-19-901, G20-918, G-22-916) have redig work orders, suggesting this is a recurring issue across different projects. - All redig work orders are currently in "Open" status, meaning none have been closed or completed yet. - Several projects have multiple sequential work orders at the same or nearby locations, indicating clustered re-dig operations.

give me all workorders which are still working



There are 29 work orders which are still working.

Order No.	Location	Region	Status
1	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress
1 - Callahan	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress
1 - TUML	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress
3	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress
3P2	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress
4	140 W 5 St	Westchester	In Progress
4P2	140 W 5 St	Westchester	In Progress
4P3	140 W 5 St	Westchester	In Progress
66	904 Burke Ave	Bronx	In Progress
66 - Callahan	904 Burke Ave - K Tie	Bronx	In Progress
4	Yates Ave and Boston Rd	Bronx	In Progress
4 - QIAS	Boston Rd. and Yates Ave.	Bronx	In Progress
33	14 St & 30 Dr.	Queens	In Progress
3	GR-719, Boston Rd & Secor Ave	Bronx	In Progress
2	135th St and Lincoln Ave.	Bronx	In Progress
2 - QIAS	135th St - X1 Replacement 36in	Bronx	In Progress
4	132nd St	Bronx	In Progress
4 - QIAS	132nd St	Bronx	In Progress
0	Bronxwood Ave and E 222nd St	Bronx	In Progress
16	12th St btwn Plaza & 27th St	Queens	In Progress

0	Bronxwood Ave and E 222nd St	Bronx	In Progress
i6	12th St btw B'way & 37th St	Queens	In Progress
.1	Between 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress
.1 - Skytesting	Between 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress
.1 - TechCorr	Between 154th Street and Utopia Pkwy, along 35th Ave.	Queens	In Progress
0	20th Ave between 35th St & 37th St	Queens	In Progress
OP2	38th St North of 20th Ave	Queens	In Progress
i0	Package 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Queens	In Progress
i0 ACCUWELD	Package 4 (11TH ST BETWEEN 36TH AV & 38TH)	Queens	In Progress
6	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress
6 - TUML	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress

Key Takeaways - All 29 records have a status of "In Progress," indicating no completed work orders in the provided data. - Bronx region has the highest number of active work orders, followed by Queens and Westchester. - Several work orders share the same Project No. but have different suffixes, suggesting multiple phases or contractor assignments for the same project. - Contractor diversity is high, with repeated appearances of Bond, CAC, MFM, and Network across different projects. - Many projects have multiple entries within the same location, indicating segmented or staged work execution.



give me the tickets where James and Waqar both worked?



There are no records where James and Waqar both worked.

give me workorders where James worked as supervisor and Pete as engineer



There are 6 work orders where James worked as a supervisor and Pete worked as an engineer.

Project No.	Work Order No.	Location	Re
G-24-911	101096320	20th Ave between 35th St & 37th St	Qu
G-24-911	101096320P2	38th St North of 20th Ave	Qu
G-24-916	101086750	Package 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Qu
G-24-916	101086750 ACCUWELD	Package 4 (11TH ST BETWEEN 36TH AV & 38TH)	Qu
G-24-903	100931641 - TechCorr	Between 154th Street and Utopia Pkwy, along 35th Ave.	Qu
G-22-916	QG21011633	14 St & 30 Dr.	Qu

Key Takeaways - All 6 matching work orders are located in the Queens region. - Every record has the status "In Progress," indicating active projects. - James Hall appears consistently as a supervisor across all matching records. - Peter Cavazzini is the engineer in each case, sometimes alongside other engineers. - Multiple projects share the same project number, suggesting multi-phase or segmented work. - Contractor involvement varies, indicating diverse vendor participation across these work orders.



give me al the projects assigned  
to Bond

Are you asking about work orders where Bond is the main contractor, or  
where they're doing CWI inspections, NDE inspections, or CRI  
inspections?



main



There are 6 projects where Bond is the main contractor.

Project No.	Work Order No.	Location	Region	Status
G-20-916	101083051	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prog
G-20-916	101083051 - Callahan	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prog
G-20-916	101083051 - TUML	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Prog
G-22-901	100058704	140 W 5 St	Westchester	In Prog
G-22-901	100058704P2	140 W 5 St	Westchester	In Prog
G-22-901	100058704P3	140 W 5 St	Westchester	In Prog

Key Takeaways - All 6 projects with Bond as the main contractor are currently marked "In Progress". - Projects are concentrated in the Westchester region, indicating a localized operational focus. - Two distinct project numbers (G-20-916 and G-22-901) account for all work orders, suggesting multi-phase or extended engagements. - The G-20-916 project is associated with the WP OPP - Bronx Street & Hamilton Ave location, while G-22-901 is tied to 140 W 5 St. - Multiple work orders under the same project number indicate segmented tasks or sub-projects within larger contracts. - Bond appears to be consistently engaged in contractor roles without variation in assignment type across these records.



what if he is and  
NDE?



There are no records where Bond is both the main contractor and NDE is involved.



what are al the won assigned to sky testing



Are you asking about work orders where Sky Testing is the main contractor, or where they're doing CWI inspections, NDE inspections, or CRI inspections?

cwi



There are 8 work orders where Sky Testing is assigned as the CWI contractor.

Project No.	Work Order No.	Location	Req
G-22-901	100058704	140 W 5 St	We
G-22-902	100058866	904 Burke Ave	Bronx
G-22-921	100888173	GR-719, Boston Rd & Secor Ave	Bronx
G-24-901	100893186	12th St btw B'way & 37th St	Queens
G-24-903	100931641 - Skytesting	Between 154th Street and Utopia Pkwy, along 35th Ave.	Queens
G-24-911	101096320	20th Ave between 35th St & 37th St	Queens
G-24-911	101096320P2	38th St North of 20th Ave	Queens
G-24-916	101086750	Package 4 (11TH ST BETWEEN 36TH AV & 38TH AV)	Queens

Key Takeaways - All 8 work orders with Sky Testing as CWI are currently marked "In Progress". - Queens has the highest concentration with 5 out of 8 work orders. - Bronx accounts for 2 work orders, while Westchester has only 1. - Multiple contractors are involved across these projects.

how many are assigned to sky testing  
asNDE



There are 15 work orders where Sky Testing is assigned as the NDE contractor.

No.	Location	Region	Status	NDE Contractor
	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Sky Testing
- Callahan	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Sky Testing
- TUML	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Sky Testing
iP3	140 W 5 St	Westchester	In Progress	Sky Testing
i - Callahan	904 Burke Ave - K Tie	Bronx	In Progress	Sky Testing
	Yates Ave and Boston Rd	Bronx	In Progress	Sky Testing
- QIAS	Boston Rd. and Yates Ave.	Bronx	In Progress	Sky Testing
3	14 St & 30 Dr.	Queens	In Progress	Sky Testing
	135th St and Lincoln Ave.	Bronx	In Progress	Sky Testing
- QIAS	135th St - X1 Replacement 36in	Bronx	In Progress	Sky Testing
	132nd St	Bronx	In Progress	Sky Testing
- QIAS	132nd St	Bronx	In Progress	Sky Testing
	Bronxwood Ave and E 222nd St	Bronx	In Progress	Sky Testing
	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Sky Testing
- TUML	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Sky Testing

Key Takeaways - All 15 work orders with Sky Testing as NDE are currently marked "In Progress".

- Bronx has the highest concentration with 8 out of 15 work orders. - Westchester accounts for 5 work orders, while Queens has only 1. - Several projects have multiple work orders under the same project number, indicating multi-phase or segmented work. - Sky Testing's NDE role spans across different CWI and CRI contractors, showing cross-functional collaboration. - The creation dates range from December 2023 to September 2025, reflecting ongoing

how many are assigned to Shaw pipeline?

Are you asking about work orders where Shaw Pipeline Services is the main contractor, or where they're doing CWI inspections, NDE inspections, or CRI inspections?



CRI inspection



All 7 work orders are assigned to Shaw Pipeline Services for CRI inspection.

	Location	Region	Status	Contractor CRI Name
	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Shaw Pipeline Services
shan	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Shaw Pipeline Services
IL	WP OPP - Bronx Street & Hamilton Ave	Westchester	In Progress	Shaw Pipeline Services
	140 W 5 St	Westchester	In Progress	Shaw Pipeline Services
	140 W 5 St	Westchester	In Progress	Shaw Pipeline Services
1L	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Shaw Pipeline Services
	California Rd & Rittenhouse Rd - Phase 6	Westchester	In Progress	Shaw Pipeline Services

Key Takeaways - All 7 work orders in the provided data involve Shaw Pipeline Services as the CRI inspection contractor. - Every work order is currently marked as "In Progress," indicating active inspection work. - All projects are located in the Westchester region, showing a concentrated geographic focus. - Multiple work orders share the same project number, suggesting phased or segmented inspection activities. - Shaw Pipeline Services is consistently engaged across different contractors and inspection teams, highlighting their specialization in CRI inspections.



give me the workorders assigned to CAC and are in Bronx



I need to clarify which CAC role you're looking for. Are you asking about work orders where CAC is the main contractor, or where they're doing CWI inspections, NDE inspections, or CRI inspections?

main contractor



There are 8 work orders in the Bronx region where CAC is the main contractor.

	Location	Region	Status	Contractor Name
	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress	CAC
	Yates Ave and Boston Rd	Bronx	In Progress	CAC
IS	Boston Rd. and Yates Ave.	Bronx	In Progress	CAC
	135th St and Lincoln Ave.	Bronx	In Progress	CAC
AS	135th St - X1 Replacement 36in	Bronx	In Progress	CAC
	132nd St	Bronx	In Progress	CAC
AS	132nd St	Bronx	In Progress	CAC

Key Takeaways - All 8 work orders are located in the Bronx region and have CAC as the main contractor. - Every work order is currently marked as "In Progress," indicating active projects with no completions or closures yet. - Projects span three distinct project numbers: G-21-918, G-22-905, and G-23-901, showing CAC's involvement across multiple initiatives. - Several work orders are paired with "- QIAS" suffixes, suggesting inspection or quality assurance phases tied to the same base project. - Locations range from major streets like Boston Rd. and 135th St to specific intersections, indicating diverse geographic coverage within the Bronx. - The presence of multiple work orders under the same project number suggests phased or segmented execution strategies. - CAC's consistent role as main contractor across all records highlights a

Is it me all the workorders assigned to William and ooga technologies?

I need to clarify the roles. For William, are you looking for work orders where he is the engineer, supervisor, or in another role? And for Ooga Technologies, are you asking about work orders where they are the main contractor, or where they're doing CWI inspections, NDE inspections, or CRI inspections?

I'm not sure of William's role, ooga is a peer reviewer

All 3 work orders involve William in an engineering role and Ooga Technologies as the peer reviewer.

Project No.	Work Order No.	Location	Region
G-21-918	100139423	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx
G-21-918	100139423P2	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx
G-24-903	100931641 - Skytesting	Between 154th Street and Utopia Pkwy, along 35th Ave.	Queens

Key Takeaways - William Dettmer is consistently listed as one of the engineers across all identified work orders. - Ooga Technologies appears in all cases as the Contractor CRI, fulfilling the peer reviewer role. - Two of the work orders are part of the same project (G-21-918) in the Bronx, indicating a multi-phase or follow-up work structure. - The third work order is in Queens under a different project (G-24-903), showing William and Ooga's collaboration spans multiple regions. - All work orders are currently marked as "In Progress," suggesting ongoing activities with no completions yet.

Is it me all the tickets available in Edson AVE and Barnes ave

There are 2 tickets where Edson Ave and Barnes Ave are involved.

Project No.	Work Order No.	Location	Region	Status
G-21-918	100139423	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress
G-21-918	100139423P2	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress

Key Takeaways - Both tickets belong to the same project (G-21-918) in the Bronx. - The location description explicitly references Edson Ave and Barnes Ave. - Kelly Hsu and William Dettmer are the engineers assigned to both tickets. - Both tickets are currently marked as "In Progress," indicating ongoing work. - The presence of two work orders suggests a multi-phase or follow-up activity for the same site.

List all the workorders from last 20 days

There is 1 work order created in the last 20 days.

No.	Work Order No.	Location	Region	Status
18	100139423	GR-707, Nereid Ave bt Edson Ave and Barnes Ave	Bronx	In Progress

Key Takeaways - The single work order in the last 20 days is located in the Bronx region. - The project is currently marked as "In Progress," indicating active work. - The work order is associated with project number G-21-918, suggesting it is part of a specific ongoing initiative. - The location description specifies a street segment, indicating targeted infrastructure work. - The low volume of recent work orders may reflect seasonal trends, resource allocation, or project scheduling factors.

list all of them which are year from now



There are no records where "list all of them which are year from now" is involved.

list all the workorders which are from past one year



There are no work orders which are from the past one year.

list eh workorders created on21st of june 2024



There are no records where all workorders which are still in open is involved.

give me all workorders whihc are still in open



There are no records where Previous message 1 (user): give me all workorders whihc are still in open\nPrevious message 2 (assistant): There are no records where all workorders which are still in open is involved.\nCurrent question: ok now check for all the completed ones is involved.

ok now check for all the completed ones

