

Utility Advisory Commission Regular Meeting

Agenda

Thursday, November 7, 2024

7:00 pm – Gardner City Hall Council Chambers

CALL TO ORDER

PLEDGE OF ALLEGIANCE

PUBLIC COMMENT

CONSENT AGENDA

1. Standing approval of the minutes as written for the August 1, 2024 meeting of the Utility Advisory Commission.

OLD BUSINESS

NEW BUSINESS

1. Consider a recommendation to the City Council the purchase of a 2024 Stand-On Compact Loader with Soil Conditioner for the Electric Distribution Department.

DISCUSSION ITEMS

1. Electric Indexes 3rd Quarter Reliability Report
2. Sewer 3rd Quarter Repair Report
3. Water 3rd Quarter Repair Report
4. Project Updates

OTHER BUSINESS

ADJOURNMENT

UTILITIES ADVISORY COMMISSION STAFF REPORT CONSENT AGENDA ITEM #1
MEETING DATE: NOVEMBER 7, 2024
STAFF CONTACT: GONZ GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: Standing approval of the minutes as written for the August 1, 2024 meeting of the Utilities Advisory Commission.

Background:

The draft minutes for the August 1, 2024 Utilities Advisory Commission meeting are attached.

Staff Recommendation:

Staff recommends approval of the minutes for the August 1, 2024 meeting of the Utilities Advisory Commission.

Attachments:

- Draft minutes of the August 1, 2024 Utilities Advisory Commission meeting.

**RECORD OF PROCEEDINGS
OF THE UTILITY ADVISORY COMMISSION
GARDNER, KANSAS**

Page No. 2024-13

August 1, 2024

The Utilities Advisory Commission of Gardner, Kansas, met in Regular Session on August 1, 2024, at City Hall. Present were Chairperson Barbara Coleman, Commissioner Nate Plahn, Commissioner Christopher Jackson, Commissioner Russell Wohler, Utilities Department Director Gonzalo Garcia, Utilities Specialist Erin Groh and three staff members from Burns and McDonnell. Vice Chairperson Bryce Augustine was not in attendance.

CALL TO ORDER

The meeting was called to order at 7:00 p.m. by Chairperson Barbara Coleman.

CONSENT AGENDA

1. **Standing approval of the minutes as written for the July 11, 2024, meeting of the Utility Advisory Commission.**

Motion by Commissioner Plahn, seconded by Commissioner Wohler, to approve the Consent Agenda.

Motion carried 4-0 Aye

NEW BUSINESS

1. **Consider a recommendation to the City Council to award a Progressive Design Build Contract for the Hillsdale Water Treatment Intake Structure Project, CIP Project No. WA2203.**

Director Garcia presented the staff report. On January 4, 2019, the Utilities Department advertised the Request for Qualifications for the Progressive Design-Build Services for the Hillsdale Water Treatment Plant Expansion Project. On February 8, 2019 Statements of Qualifications from three (3) Design Build Teams were received and reviewed. At this time the Selection Committee determined that all three entities would be interviewed on February 20, 2019. Upon completion of those interviews the Selection Committee unanimously choose the Joint Venture Group of Burns & McDonnell to move forward with contract discussions for the design and construction of the proposed 2 MGD expansion of the Hillsdale Water Treatment Plant. The project was successfully completed by the Joint Venture Group and been in operation since 2021.

The Hillsdale Water Treatment Plant Intake Structure project can be looked as another step in the expansion process of the Hillsdale Water Treatment Plant and the overall operation and distribution of the City of Gardner's water system. The Joint Venture Group provided proposal for the Intake Structure project and it was determined that the Joint Venture Group was best suited for this project with the expertise of the intake structure, raw water transmission main improvements and treatment improvements made in the Hillsdale Treatment Plant Expansion project. Through that project, the Joint Venture group navigated the permitting process and created relationships with the major stakeholder for this project, the U.S. Army Corp of Engineers (USACE), in which a lengthy permitting process will be required.

The Progressive Design project will consist of but not limited to the design, construction, permitting, electrical, controls, pumping evaluations/selections, installation of new connections to the raw water transmission mains, structures and other improvements at the Hillsdale Lake Intake site. The existing intake is limited to 5.9 MGD; these improvements will allow for the expansion of the treatment plant to meet future needs and a maximum build out of 12MGD of water to be treated at the Hillsdale Water Treatment Plant. Garcia felt that Burns and McDonnell has a long history of working with the U.S. Army Corps of Engineers and vast experience which is why they were chosen to take on this project.

Jake White, Burns and McDonnell engineer and client manager, discussed the need for the project and fielded questions. He discussed the need for reliability and redundancy. He said that the intake has a potential for failure and the possibility of failure needs to be minimized as much as possible. Driving down the capital cost initially is important and to have the flexibility for pumps to get the plant up to 12 mg/d are some of the goals. The plant has 5.9 mg/d being pumped right now but they are wanting to have the plant meet the city's long term needs as well. Chairperson Coleman asked what will happen to the current intake. White said that it most likely will be abandoned or demolished, but guessing it will be demolished. Coleman also asked what the timeframe is for the build-out. White said that the permitting may take 6-9 months and construction could take roughly 24-36 months but that the main driver is supply chain issues. Coleman asked if what we have will be sufficient in the time we are waiting for it to be built and Garcia said that he thinks we will be okay within the timeframe.

Motion by Commissioner Plahn, seconded by Commissioner Jackson, to approve a recommendation to the City Council to award a Progressive Design Build Contract for the Hillsdale Water Treatment Plant Intake Structure Project, CIP Project No. WA2203 to the Joint Venture group of Burns and McDonnell and CAS Constructors, LLC not to exceed the budgeted \$759,952.00.

Motion carried 4-0 Aye

DISCUSSION ITEMS

1. Electric Indexes as of the end of July 2024.

Director Garcia discussed the Electric Reliability Indexes for January to the end of July 2024.

APPA Reliability Indexes

	SAIDI (Minutes/Year)	CAIDI (Minutes/Year)	ASAI (% based on year)	MAIFI (Interruptions per year)	SAIFI (Interruptions per year)	Customers Affected	Interruptions Per Mile (150.8 Miles)
Target	< 90 minutes	< 100 minutes	≥ 99.98 %	<0.5	<0.7		
2021	107 minutes	230 minutes	99.98 %	0.0012	0.2889	8947	317.84
2022	41 minutes	97 minutes	99.99 %	0.0049	0.1658	9181	409.18
2023	21 minutes	39 minutes	99.99 %	6.391	0.5430	5004	30.51
January 2024	1 minute	91 minutes	99.99 %	0.0000	0.0110	104	0.68
February 2024	3 minutes	18 minutes	99.99 %	0.0113	0.1530	1461	9.28
March 2024	0 minutes	51 minutes	99.99 %	0.0011	0.0001	1	0.006
April 2024	0 minutes	75 minutes	99.99 %	0.0000	0.0010	10	0.066
May 2024	9 minutes	29 minutes	99.97 %	0.0000	0.3260	3105	20.59
June 2024	5 minutes	27 minutes	99.98 %	0.0000	0.1900	1805	0.013
July 2024	0 minutes	67 minutes	99.99 %	0.2133	0.0009	1	0.006
YTD	19 minutes	27 minutes	99.99 %	0.2252	0.7090	6487	43.07

ADJOURNMENT

Motion by Commissioner Wohler, seconded by Commissioner Plahn to adjourn the meeting at 7:18 p.m.

Motion carried 4-0 Aye

/s/ _____ Erin Groh

Utilities Specialist
City of Gardner Utilities Department

UTILITY ADVISORY COMMISSION STAFF REPORT **NEW BUSINESS ITEM #1**
MEETING DATE: NOVEMBER 7, 2024
STAFF CONTACT: GONZ GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: Consider a recommendation to City Council to authorize the City Administrator to execute a contract with K.C. Bobcat for a 2024 Stand-On Compact Loader

Background:

We currently do not own this unit. It will be primarily used for dirt construction involving the installation and repair of the underground electric infrastructure and yard repairs in back yards. This unit with its compact size will allow us to enter through a 36" wide gate without having to remove a section of fence to perform our work. It is an essential component for scheduled work activities and projects.

Informal Solicitations:

The City of Gardner purchasing policy states employees with delegated purchasing authority shall utilize informal solicitations for the purchase of any materials, services, or professional services not to exceed a cost of \$75,000.00. Employee with delegated purchasing authority shall attempt to obtain written (fax, e-mail, etc.) quotes from a minimum of three (3) vendors. Purchases of materials or services shall be awarded to the vendor supplying the lowest responsible and responsive quote or as determined to be most advantageous to the city.

The submitted quotes for the 2024 Stand-On Compact Loader with Soil Conditioner.

Vendor	Stand-On Compact Loader with Soil Conditioner	3 Year Warranty	Total Cost Tax Included
K.C. Bobcat	Bobcat MT100	Yes	\$43,491.34
Coleman Equipment, Inc.	Kubota SCL1000	Yes	\$45,713.53
Ditch Witch Worx	Ditch Witch SK900	Yes	\$50,820.01

Financial Impact:

Funding for the equipment is available from the Electric 2024 O&M Budget.

Staff Recommendation:

Approve a recommendation to the City Council to authorize the City Administrator to execute a contract with K.C. Bobcat for a 2024 Stand-On Loader with Soil Conditioner in the amount of \$43,491.34 plus insurance and shipping charges. Final pricing and applicable programs will be established at delivery.

Attachments:

- K.C. Bobcat Quote
- Coleman Equipment Inc. Kubota Quote
- Ditch Witch Worx Quote
- K.C. Bobcat Brochure
- Soil Conditioner Brochure



Product Quotation
 Quotation Number: **NC790683**
 Quote Sent Date: **Oct 10, 2024**
 Expiration Date: **Dec 31, 2024**

Your Bobcat Contact
Nolan Clark
 Phone:
 Email: nolan.clark@doosan.com

Your Customer Contact

Deliver to
CITY OF GARDNER G2185
 329 MEADOWBROOK CIR
 GARDNER, KS, 66030

Bobcat Dealer
K.C. Bobcat, Olathe, KS
 1220 S HAMILTON CIRCLE
 OLATHE, KS, 66061-5371
 TAYLOR MERRYMAN

Bill to
CITY OF GARDNER 706290
 329 Meadowbrook Cir
 Gardner, KS, 66030-1115

Item Name	Item Number	Quantity	Price Each	Total
MT100 Mini Track Loader	M0115	1	29,855.84	29,855.84
Standard Equipment:				
25 HP Tier IV Diesel Engine			Lift Arm Support	
Auxiliary Hydraulics			Neutral Start Interlocks	
Attachment Interface Bob-Tach or CII (To accept approved attachments)			Parking Brake	
Built-In Tie Down & Crane/Lift Locations			ISO Pattern Joystick Travel Control	
Continuous Flow Shutoff Lever			Spark Arrestor Muffler	
Hydrostatic Drive Train			Tilt Lockout	
Counterweights - Includes (4) 30 pound weights			Tilt Steering	
Instrumentation:			Storage Cubby	
Hourmeter			Cup Holder	
Engine Temperature & Fuel Gauges			Tracks: Rubber, 7.1 inches Wide	
Voltmeter and Warning Lights			Machine Width 35.6 inches"	
Lift Arm Lockout With Manual Bypass				
Bob-Tach Interface (MT100)	M0115-R02-C01	1	0.00	0.00
Soil Conditioner, Manual 48"	6958310	1	6,992.00	6,992.00
36" General Purpose Bucket	7114488	1	703.00	703.00
Bolt-On Cutting Edge, 36"	6729042	1	87.28	87.28
24 Month/2000 Hour Full Extended Warranty	9987591	1	800.00	800.00
Total for MT100 Mini Track Loader				38,438.12
Quote Total - USD				38,438.12
Dealer P.D.I.				150.00
Freight Charges				725.00
Destination Charges				281.00
Dealer Assembly Charges				131.25
Sales total before Taxes				39,725.37
Taxes				3,765.97
Quote Total - USD				43,491.34

Comment:

*Plus applicable taxes. IF Tax Exempt, please include Tax Exempt Certificate with the order.

*Prices per the NASPO Construction Equipment Master Agreement OK-SW-192.
<https://www.naspoaluepoint.org/portfolio/construction-equipment-2018-2023/clark-equipment-company/>

State and Contract Number Summary:

AK - N2019CE0002
CA - 52000C
IA - OK-SW-192
KS - OK-SW-192
MO - CC190249002
NE - 15336
NM - 90-000-19-00068AA
OK - SW192
RI - OK-SW-192
SD - 17286
UT - PA3043
WI - 505ENT-O22-CONSTREQUIP-03.

*All orders should include 1) Accounts Payable Contact and email address, 2) W9 with correct legal entity name, and 3) Bill to Address.

*Orders may be placed with the contract holder or authorized dealer as allowed by the terms and conditions of the contract. *A Copy of all orders must be provided to Heather.Messmer@Doosan.com.

*Contact Holder Information: Clark Equipment Company dba Bobcat Company, Govt Sales, 250 E Beaton Drive, West Fargo, ND 58078. TID# 38-0425350.

*Payment Terms: Net 60 Days. Credit cards accepted.

*Remittance address: Clark Equipment Company d/b/a Bobcat Company, P. O. Box 74007382, Chicago, IL 60674-7382

<p>Customer acceptance: Quotation Number:: NC790683 Purchase Order: _____</p> <p>Authorized Signature: Print: _____ Sign: _____</p> <p>Date: _____ Email: _____</p>
<p>Addresses Delivery Address _____ Billing Address (if different from ship to): _____</p> <p>Tax Exempt: Y <input type="checkbox"/> / N <input type="checkbox"/></p>

Exempt in the State of: _____

Tax Exempt ID:

Federal: _____

State: _____

Expiration Date: _____

Sales • Rental • Service • Parts • Tools

Bonner Springs - Lee's Summit - Smithville

www.ColemanEquip.com



PO #:	
Document #:	100-30543
Date:	10/8/2024

Salesman:	David Andrew
Ship Via:	Coleman Trucking
Location:	Bonner Springs

City Of Gardner- Electric Distribution		
1450 E. Santa Fe. Street		
Gardner	KS	66030
Contact:	Baldwin, Bruce (913) 856-0985	

Ship To:		
1450 E. Santa Fe. Street		
Bruce Baldwin		
Gardner	KS	66030

Item Number Description	Qty	Price	Amount	Disc	Subtotal	Sales Tax	Extended Amount	Back Order	Drop Ship
Wholegoods On Order DO NOT INVOICE									
Kubota SCL1000 Wide Track Compact Utility Loader (SN:)	1.00	\$40,857.00	\$40,857.00		\$40,857.00	\$3,871.21	\$44,728.21		
AP-CSR1048-909									
LandPride AP-CSR1048 Compact Power Rake	1.00	\$9,633.00	\$9,633.00		\$9,633.00	\$912.74	\$10,545.74		
AP-CL136LT-620									
Kubota AP-CL136LT 36" Low Profile, Short Floor Tooth Bucket for Compact Utility Loader	1.00	\$938.00	\$938.00		\$938.00	\$88.88	\$1,026.88		
Manufacturer Discount/Rebate									
Sourcewell Discounty	-1.00	\$12,439.05	(\$12,439.05)		(\$12,439.05)	(\$1,178.61)	(\$13,617.66)		
Dealer Fee									
Dealer Assembly, Freight, PDI	1.00	\$893.75	\$893.75		\$893.75		\$893.75		
Extended Warranty									
2 Year extended warranty on SCL1000	1.00	\$1,650.00	\$1,650.00		\$1,650.00	\$156.34	\$1,806.34		
Comments									
Prices for product quoted are good for 60 days from the date shown on the quote. All equipment as quoted is subject to availability.	1.00								



Sales • Rental • Service • Parts • Tools

Bonner Springs - Lee's Summit - Smithville

www.ColemanEquip.com



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Bruce Baldwin		
Gardner	KS	66030

Item Number	Qty	Price	Amount	Disc	Subtotal	Sales Tax	Extended Amount	Back Order	Drop Ship
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Price on this sales quote is an estimate and is subject to change.

Final pricing and applicable programs will be established at delivery

Order cancellation and refund of deposits may be available in the event of a price increase for non-special ordered products between the date of the quote and the date of delivery

Summary of Charges	
\$40,638.95	Taxable
\$893.75	Non-Taxable
\$41,532.70	Subtotal
\$3,850.56	Sales Tax
\$45,383.26	Total

Customer Signature	Date
---------------------------	-------------

Exempt Tax Cert #:	
Expiration Date:	

Printed:10/8/2024 8:08 AM



The Charles Machine Works, Inc.
 Ditch Witch Division
 1959 West Fir Avenue
 P.O.Box 66
 Perry, OK 73077
 Phone No : 1-800-654-6481
 Fax No : 580 336 0617
 Email : global@ditchwitch.com

Quotation

Information	
Quotation No.	20216800
Document Date	09/30/2024
Customer No.	515659
Dealership	DITCH WITCH WORX (OLATHE) OLATHE
PO	_____
Created by	Jon McLarty

Sold-to Party Address
CITY OF GARDNER ELECTIC DEPT. MEMBER #172965 1450 E. SANTE FE ST. GARDNER KS 66030-1514

Global Account Price Quote
Quote Valid until : 12/31/2024

TAXES ARE AN ESTIMATE AT TIME OF QUOTATION-ACTUAL TAX WILL BE CALCULATED AT TIME OF INVOICING. IF TAXES ARE QUOTED AND THIS IS A TAX EXEMPT TRANSACTION, PLEASE PROVIDE TAX EXEMPT CERTIFICATE OR LEASING DETAILS WITH YOUR PURCHASE ORDER.

FOR MODEL SPECIFICATIONS OR OTHER INFORMATION, VISIT OUR WEBSITE AT WWW.DITCHWITCH.COM

Quotation Details

Qty	Material Description	Unit Price	Discount	Amount
1EA	<p>SOURCEWELL CONTRACT 110421-CMW</p> <p>PER SOURCEWELL CONTRACT PLEASE ISSUE PURCHASE ORDER TO: CHARLES MACHINE WORKS 1959 W FIR AVENUE PERRY, OK 73077</p>			34,773.42
1EA	<p>SK900 - SK900</p> <p>With the following configuration: Decals English Rubber Tracks Narrow Tracks 36 in Ground Drive Control 2 Lever Hydraulic Oil Standard Color Standard</p>			703.12
1EA	300-5572 - 36" BUCKET			2,115.00
1EA	799-1573 - SK900 - EXTENDED WARRANTY (2YR)			8,236.28
1EA	PR482 - PR482 4' Power Rake			

Confidentiality Notice:

This quote may contain confidential information. The information is intended only for the individual or entity named. If you are not the intended recipient, please immediately notify us at 1-800-654-6481 to arrange for return of the document.



The Charles Machine Works, Inc.
 Ditch Witch Division
 1959 West Fir Avenue
 P.O.Box 66
 Perry, OK 73077
 Phone No : 1-800-654-6481
 Fax No : 580 336 0617

Quotation

Information

Quotation No. 20216800
Document Date 09/30/2024
Customer No. 515659
Dealership DITCH WITCH WORX (OLATHE)
 OLATHE
PO _____
Created by Jon McLarty

Sold-to Party Address

CITY OF GARDNER ELECTIC DEPT.
 MEMBER #172965
 1450 E. SANTE FE ST.
 GARDNER KS 66030-1514

Global Account Price Quote Quote Valid until : 12/31/2024

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FOR MODEL SPECIFICATIONS OR OTHER INFORMATION, VISIT OUR WEBSITE AT WWW.DITCHWITCH.COM

Quotation Details

Qty	Material Description	Unit Price	Discount	Amount
		Corporate Account Price		45,827.82
		Total Freight		650.00
		Total Tax		4,342.19
		Total Amount		\$ 50,820.01

Confidentiality Notice:

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Bobcat

Mini Track Loader
MT100



**One Tough
Animal**®

CHOOSE YOUR TRACKS.



Bobcat tracks offer superior traction, stability and strength to take on some of the toughest jobs. Their strong, rubber compounds help you achieve the full life of the track. Signature tread patterns give your machine excellent traction while moving through mud and over rocks. For sensitive worksites, choose non-marking treads for your loader.

Bobcat mini track loaders offer two different track sizes (35.6 inches and 41.1 inches) that provide your preferred combination of performance and surface protection.

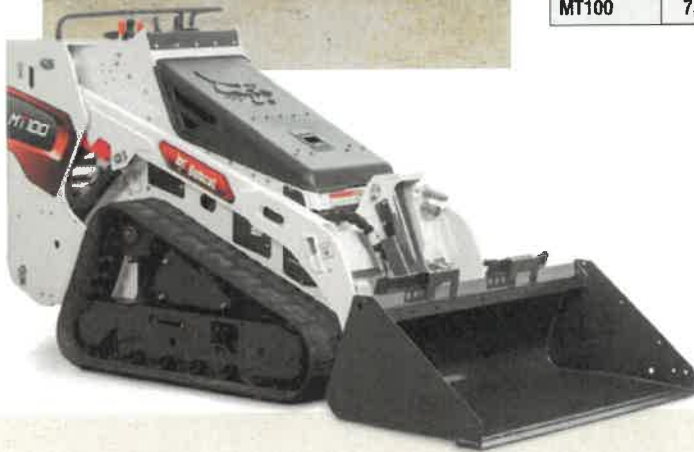
NARROW TRACK: UNDER 36 INCHES WIDE

Narrow tracks keep your width to just 36 inches. Depending on the size of your attachment, you can easily slip through just about any doorway or fence gate with the narrow-track option. The narrow track ground pressure of 5.2 psi helps protect turf and finished surfaces.

WIDE TRACK: MINIMIZED GROUND PRESSURE, INCREASED STABILITY

The optional wide track improves stability and ride quality while reducing the MT100's ground pressure to just 3.9 psi – the lightest-possible footprint for sensitive surfaces – and it's still just 41.1 inches wide.

MODELS	ANGLED BAR LUG	C-PATTERN	MULTI-BAR LUG	MULTI-BAR LUG NON-MARKING TREAD PATTERN	HEX
MT100	7, 9 and 10 in.	7 and 9 in.	7 and 10 in.	7 and 9 in.	7 and 10 in.

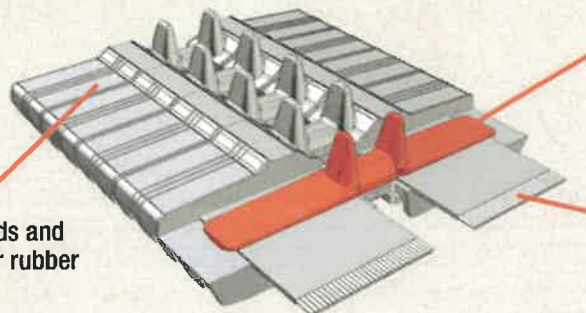


Optional non-marking multi-bar lug rubber tracks won't leave black rubber marks on hard surfaces like concrete.

TRACK STRUCTURE

Each track is structurally designed to match the needs of your Bobcat equipment.

Cut-resistant, anti-gouge rubber compounds and tough outer rubber resist wear. A soft inner rubber compound provides flexibility.



Steel imbeds (links) guide the sprocket while increasing track stability and strength.

Internal steel cables provide a strong base for the roller path while equalizing tension.

Attachments for Bob-Tach Attachment Mounting System:

- 36-inch bucket
- 44-inch bucket
- Angle broom
- Attachment adapter plate
- Auger
- Boring unit
- Digger
- Hydraulic breaker
- Industrial grapple
- Landplane
- Log grapple
- Nitrogen breaker
- Pallet fork
- Root grapple
- Snowblower
- Soil conditioner
- Stump grinder
- Sweeper
- Tiller
- Trencher
- Utility blade
- Utility fork
- Utility grapple
- Vibratory plow

COMMON INDUSTRY INTERFACE (CII)

Choose the CII system for a smaller, pin-on attachment style that's common on mini track loaders, but provides the same range of motion and usability as our industry-leading Bob-Tach system. The Bobcat CII system features exclusive dual over-center, 90-degree latches that make for secure and quick attachment hookup. The pin is greasable and serviceable to facilitate long product life and ease of use.

Attachments for the Common Industry Interface:

- 36-inch GP bucket CII
- 44-inch GP bucket CII
- Breaker CII frame
- Model 10 auger CII
- Pallet fork CII
- Trencher CII LT 113



Machine: MT100
Attachment: Angle Broom



COMMON INDUSTRY
INTERFACE

BOB-TACH ATTACHMENT
MOUNTING SYSTEM



Machine: MT100
Attachment: Bucket

CONCENTRATED POWER

With rated operating capacity of 1,000 pounds, the Bobcat MT100 mini track loader is the perfect complement to your fleet. At just 36 inches wide and under 85 inches long without an attachment, it goes where other machines can't. Squeeze through doorways and fence gates and work in close quarters indoors or outdoors. Rugged rubber tracks keep you going in soft, wet or muddy conditions, with minimal ground disturbance.

THE BOBCAT MT100

The MT100 offers significant rated operating capacity (1,000 pounds) and breakout force for peak productivity. Its tough undercarriage includes heat-treated rollers and idlers that extend the life of the track system and enhance durability – so you can spend more time working and less time servicing your machine.

Machine: MT100
Attachment: Bucket

MT100	1,000 lb.	80.9 in.	24.8 hp	36 in.	12 gpm
	Rated Operating Capacity	Lift Height	Liquid-Cooled Diesel Engine	Width (with bucket)	Auxiliary Hydraulic Flow



THE SMALL-SCALE LOADER FOR HIGH-SCALE PRODUCTION

It's not much wider than your average wheelbarrow, but don't let its small size give you the wrong idea. The Bobcat® mini track loader can do serious work. Put it to work tilling, trenching, moving material and much more.

Tough, versatile and agile, this compact and powerful machine delivers the rugged dependability and premium performance that you expect from the Bobcat brand. Simple controls make it a perfect fit for less-experienced employees and seasonal help. A smaller profile gives you more power and versatility in tight spaces.

For landscapers, contractors and rental stores, the Bobcat mini track loader makes a productive and profitable investment.

MODEL OVERVIEW

GET INTO THE TIGHTEST AREAS.

Your Bobcat mini track loader packs a lot of power in a small package. It's the perfect solution for tight-fitting indoor and outdoor jobs where wheelbarrows and shovels are the only other option.

EASE OF USE

Bobcat mini track loaders deliver numerous ways to increase productivity while reducing difficult hand labor: intuitive controls make the Bobcat mini track loader the easiest-to-operate model on the market. Its ease of use and smaller size make a great match for less-experienced equipment operators, renters and seasonal help – or for anyone who needs to do big jobs in small areas.

MINIMAL GROUND DISTURBANCE

The durable rubber tracks allow you to travel over established surfaces without worrying about damages, repair time and costs later.



Machine: MT100
Attachment: Bucket



TIER 4 COMPLIANT ENGINE

Powered by a dependable, durable Tier 4 diesel engine and utilizing efficient hydraulic systems, Bobcat mini track loaders deliver fast cycle times, strong breakout force and excellent pushing ability.

MORE VISIBILITY AND COMFORT

The integrated ride-on platform of the MT100 gives you a wider view to the sides of the machine as well as the bucket cutting edge or attachment.

ERGONOMIC JOYSTICK CONTROLS

The ISO joystick controls on the MT100 are ergonomically designed for comfortable operation and less fatigue.

INCREASED LIFTING CAPACITY

Counterweights come standard on the MT100 to increase lifting performance on tough jobs. Counterweights can be mounted in the undercarriage or at the rear of the machine on the uprights.

LESS MAINTENANCE

The MT100's rollers are sealed and constantly bathed in oil for continuous lubrication. There's no need for daily roller maintenance.

VERSATILITY



*Machine: MT100
Attachment: Log Grapple*

BUILT FOR YOUR PREFERRED ATTACHMENT STYLE

Available with your choice of two attachment mounting systems, Bobcat provides the best attachment versatility in the industry to help you make quick work of grading, backfilling, digging and hauling.

BOB-TACH ATTACHMENT MOUNTING SYSTEM

The Bob-Tach® attachment mounting system provides a comprehensive selection of Bobcat-built attachments for mini track loaders. Its two robust, over-center latching pins provide the fastest attachment changes in the industry – and spring-loaded, wear-compensating wedges ensure a secure fit, time after time and year after year.

SPECIFICATIONS

Performance	MT100
Rated Operating Capacity	1000 lb. (453 kg) ¹ 1060 lb. (480 kg) ²
Carry Position ROC*	1339 lb. (607 kg)
Tipping Load	2898 lb. (1314 kg)
Hydraulic Pump Capacity	12.0 gpm (45.4 L/min.)
Travel Speed (forward)	4.1 mph (6.6 km/hr.)
Travel Speed (reverse)	2.9 mph (4.7 km/hr.)
Operating Weight (with bucket)	3390 lb. (1537 kg)
Ground Pressure	5.2 psi (35.8 kPa)
Ground Pressure (with wide tracks)	3.9 psi (27.3 kPa)
Dimensions	
Length (without bucket)	84.5 in. (2145 mm)
Width (with bucket)	36.0 in. (914 mm)
Height	54.6 in. (1387 mm)
Height to Bucket Pin	80.9 in. (2056 mm)
Engine	
Model/Emissions Tier (EPA)	D902 E4B/Tier 4
Fuel/Cooling	Diesel/Liquid
Cylinders	3
HP/Displacement	24.8 hp (18.5 kW)/55.0 cu. in. (0.9 L)
Fuel Tank Capacity	7.0 gal. (26.5 L)
Operation	
Steering and Drive	ISO Joystick
Lift and Tilt	ISO joystick
Transmission	Hydrostatic track drive system
Attachment	Single lever with dual direction detent
Machine Features and Options	
Attachment Control Kit	Opt
Attachment Mounting System Conversion Kit (convert from CII to Bob-Tach System)	Opt
Auxiliary Hydraulics	Std
Case Drain Kit	Opt
Catalytic Exhaust Purifier	Opt
Choice of Attachment Mounting System	Bob-Tach mounting system or common industry interface (CII) system
Continuous Flow Shutoff Lever	Std
Engine Block Heater	Opt
Gauges/Warning Lights	Std
Hydrostatic Drive Train	Std
Lift Arm Lockout With Manual Bypass	Std
Lift Arm Support	Std
Lift Hook Locations	Std
Light Kit	Opt
Liquid-Cooled Diesel Engine	Std
Multi-Bar Lug Track	Opt
Neutral Start Interlocks	Std
Non-Marking Tracks	Opt
Parking Brake	Std
Removeable Counterweight	Std
Ride-On Platform	Std
Shutdown Kit	Opt
Spark Arrestor Muffler	Std
Tie-Down Locations	Std
Tilt Lockout	Std
Track (7 in. wide)	Std
Track (10 in. wide)	Opt

Perfect for Rental Fleets

With their job-proven technology, easy maintenance, simple controls and impressive performance, Bobcat mini track loaders are perfect for rental applications. Mini track loaders have a smaller, less-intimidating profile than some other compact equipment models. Additionally, they have easy-to-use controls and an impressive rated operating capacity of 1,000 pounds.

Incredible Versatility

Bobcat mini track loaders aren't just for lifting heavy loads. The hydraulic quick couplers make connecting and disconnecting from hydraulic attachments fast and easy. These machines are designed to run a variety of hydraulic attachments efficiently.

Attachment Flexibility

The MT100 is available with our industry-leading Bob-Tach attachment mounting system. You can also choose the common industry interface (CII) to utilize your existing mini track loader attachments.

Parts and Service Backup

With every Bobcat product, you get the support of a worldwide network of dealers offering industry-leading attachments, accessories and parts availability. Their factory-trained technicians are equipped to handle all your parts and service requirements, including engine and hydrostatic/hydraulic components.

Unbeatable Bobcat Warranty

The best equipment carries the best warranty! The MT100 mini track loader comes with a full one-year warranty with unlimited hours.

Operator Training

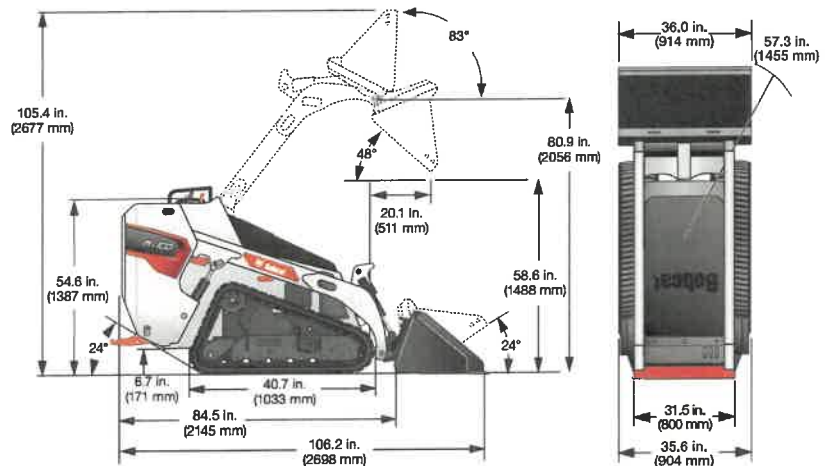
Ensure safe and effective operation techniques with owner and operator safety videos and training. Find them on the Bobcat Owner Portal (my.Bobcat.com).

¹Counterweights located in the undercarriage.

²Counterweights located in rear position.

*Carry Position ROC is measured as 35% of tipping load when the lift arm is raised 6° and bucket is fully rolled back.

MT100 Dimensions:





Bobcat



[Build & Quote](#)



[Search Inventory](#)



[Find a Dealer](#)



Soil Conditioner Attachment



- A versatile, cost-effective attachment no landscaping crew should be without
- Prepare the soil while leveling and filling in fewer passes
- Rotating drum has carbide-tipped teeth that rip through clumps and penetrate the soil
- Level and grade a surface by locking the drum for a box blade effect

[Contact Local Dealer](#)



[Request a Demo](#)

[Find a Dealer](#)

[Search for Parts](#)



Top Tasks

- Level ground
- Clear debris
- Till soil
- Tear out sod
- Smooth ruts
- Move material
- Grade topsoil
- Cut swales
- Prepare ground for seeding and sodding

How It Works

The drum's carbide-tipped teeth rip through hardpan and pulverize clumps. Clumps are ground up, and rocks and other debris are windrowed to the edge of the jobsite. A rubber flap above the drum keeps larger material from going over the drum while allowing fine materials through for a smooth finish. The drum rotates in either direction for operating in forward or reverse. Box blade end wings help move large amounts of material and fill in low spots.

Oscillation keeps the drum parallel to the ground and helps minimize the effect of bumps and potholes, resulting in a smoother finish in fewer passes. The oscillating bolster (standard on larger models) combined with hydraulic depth and angle controls also make it easy to cut swales for drainage and to sculpt the land.

UTILITY ADVISORY COMMISSION STAFF REPORT

DISCUSSION ITEM #1

MEETING DATE: NOVEMBER 7, 2024

STAFF CONTACT: GONZ GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: Electric Reliability Indexes- 3rd Quarter 2024

Background:

Staff will discuss the Electric Reliability Indexes for July- September 2024.

Attachment Included:

- American Public Power Association Electric Reliability Indexes 3rd Quarter 2024

UTILITY ADVISORY COMMISSION STAFF REPORT

DISCUSSION ITEM #2

MEETING DATE: NOVEMBER 7, 2024

STAFF CONTACT: GONZ GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: 2024 3rd Quarter Wastewater Collection Repairs Report

Background:

Line Maintenance staff completed 8 sanitary sewer line repairs affecting 4 customers:

- 4 due to residents' issues
- 1 due to damage by others
- 3 due to other issues

The average workday response time was 13 minutes and the average workday repair time was 1 hour.

The average after hours response time was 16 minutes and the average after hours repair time was 41 minutes.

The overall average response time was 15 minutes. The overall average repair time was 48 minutes.

Attachment Included:

- 2024 3rd Quarter Wastewater Collection Repairs Report

Sewer Repair Summary

Report Dates Between 7/1/2024 and 9/30/2024

10/31/2024

GR - Grease, RT - Roots, LS - Line Sag, DB - Debris, LF - Line Failure, O - Damage By Others, RI - Residents Issue, OT - Other

10:01 AM

WO #	Location	Date Reported	Time Reported	Date of Arrival	Time of Arrival	Date Complete	Time Completed	# Customers Affected	Problem	Comments	Response Time	Repair Time	Manhours	Cause
20240702-007	1199 E SANTA FE ST	7/1/2024	6:00 pm	7/1/2024	6:15 pm	7/1/2024	6:45 pm	0		Check on sewer vault per Teddy for good flow. 7/1/24 good flow	0:15	0:45	2.5	OT
20240705-018	1199 E SANTA FE ST	7/4/2024	10:32 am	7/4/2024	11:00 am	7/4/2024	11:35 am	0	Overflow	Was called about manhole was over filling with water coming out. MH30NE80. The lift station on wild cat couldn't keep up with all the rain.	0:28	1:03	2.5	OT
20240705-019	312 S CENTER ST	7/4/2024	10:13 am	7/4/2024	10:20 am	7/4/2024	10:30 am	0	Sewer Investigation	Was called to check the manholes in the yard because they're drains were backed up I opened the covers and everything was fine.	0:07	0:17	0.2	RI
20240708-009	754 S POPLAR ST	7/7/2024	8:23 am	7/7/2024	8:45 am	7/7/2024	9:15 am	1	Sewer Investigation	Was called about sewage coming out of shower I checked the manholes 26SE57 and 26SE58 they were clear.	0:22	0:52	1.0	RI
20240801-023	550 E COLLEEN DR	7/31/2024	5:00 pm	7/31/2024	5:10 pm	7/31/2024	5:30 pm	0	Damaged	Had to meet with Spectrum contractor for manhole with cable in it. work ticket # 814549407	0:10	0:30	0.5	O
20240911-013	406 N SPRUCE ST	9/11/2024	1:50 pm	9/11/2024	2:00 pm	9/11/2024	3:00 pm	1	Backup	Call out for possible sewer back up at 406 N Spruce ST. Opened up stream and down stream manholes and both were clean and the flow is good. Told	0:10	1:10	2.0	RI
20240924-013	517 E WASHINGTON ST	9/24/2024	1:50 pm	9/24/2024	2:00 pm	9/24/2024	2:50 pm	1	Damaged	Resident called in water got blown out the toilet. went to investigate and found water on the bathroom floor. gave resident sewer back up packet	0:10	1:00	0	OT
20240930-016	30039 W 184TH TER	9/30/2024	11:00 am	9/30/2024	11:20 am	9/30/2024	11:50 am	1	Settlement	Teddy: Customer called/emailed saying that his driveway is settling and wanted the city to check the sewer main for any issues. Customer says	0:20	0:50	0.5	RI
Totals:								4					9.2	

Sewer Repair Summary

Report Dates Between 7/1/2024 and 9/30/2024

10/31/2024

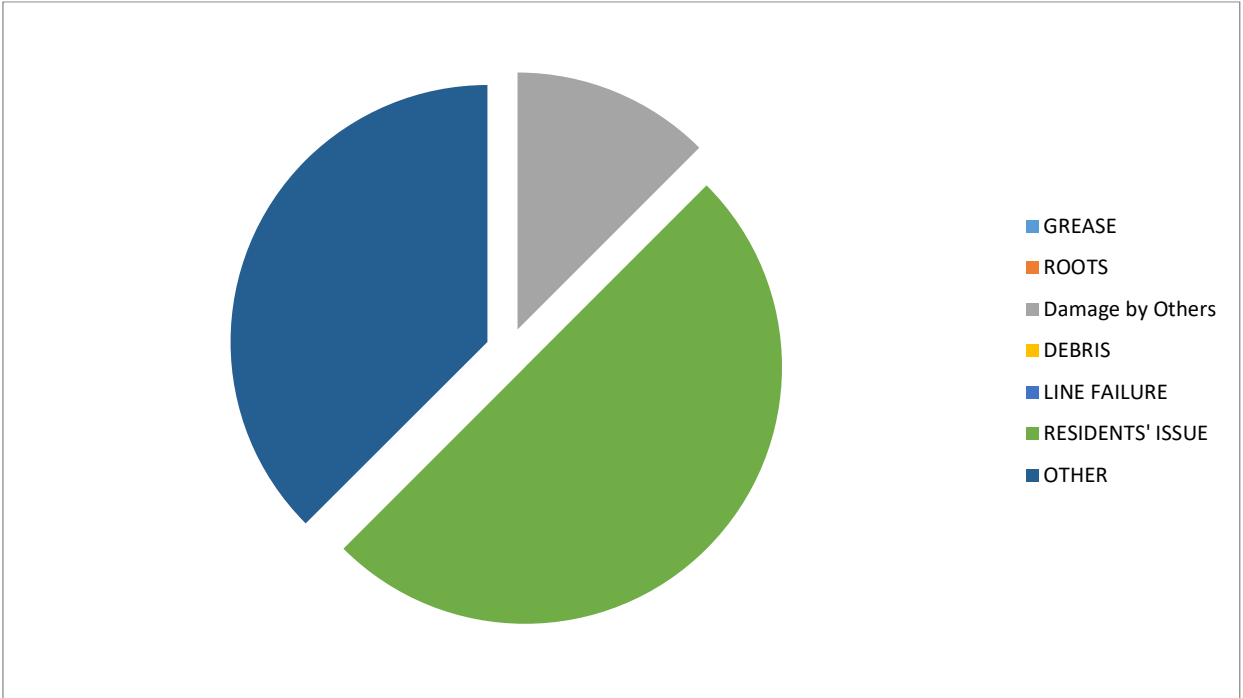
GR - Grease, RT - Roots, LS - Line Sag, DB - Debris, LF - Line Failure, O - Damage By Others, RI - Residents Issue, OT - Other

10:01 AM

WO #	Location	Date Reported	Time Reported	Date of Arrival	Time of Arrival	Date Complete	Time Completed	# Customers Affected	Problem	Comments	Response Time	Repair Time	Manhours	Cause
										5 After Hours Average	0:16	0:41		Cause Totals
										3 Workday Average	0:13	1:00		GR 0
										8 Average	0:15	0:48		RT 0
														LF 0
														LS 0
														O 1
														DB 0
														RI 4
														OT 3

3Q 2024 Sewer Repair Report

GREASE	ROOTS	Damage by Others	DEBRIS	LINE FAILURE	RESIDENTS' ISSUE	OTHER	TOTAL
0	0	1	0	0	4	3	8



UTILITY ADVISORY COMMISSION STAFF REPORT

DISCUSSION ITEM #3

MEETING DATE: NOVEMBER 7, 2024

STAFF CONTACT: GONZ GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: 2024 3rd Quarter Water Distribution Repairs Report

Background:

Line Maintenance staff completed 15 water distribution service repairs affecting 35 customers:

- 2 due to line failure
- 2 due to damage by others
- 6 due to residents' issues
- 5 due to other issues

The average workday response time was 45 minutes and the average workday repair time was 1 hour and 15 minutes.

The average after hours response time was 22 minutes and the average after hours repair time was 2 hours.

The overall average response time was 31 minutes. The overall average repair time was 1 hour and 42 minutes.

Attachment Included:

- 2024 3rd Quarter Water Distribution Repairs Report

Water Distribution Repair Summary

Report Dates Between 7/1/2024 and 9/30/2024

10/31/2024

LF - Line Failure, SF - Saddle Failure, VF - Valve Failure, RCF - Repair Clamp Failure, O - Damage By Others, RI - Residents Issue, OT - Other

11:23 AM

WO #	Location	Date Reported	Time Reported	Date of Arrival	Time of Arrival	Date Complete	Time Completed	# Customers Affected	Problem	Comments	Response Time	Repair Time	Manhours	Cause
20240702-008	S CENTER ST	7/1/2024	4:12 pm	7/1/2024	4:35 pm	7/1/2024	4:50 pm	0	Leak	Karen called and said a police officer reported water blowing out of the ground at 186th and S. center St. when I arrived, I found nothing.	0:23	0:38	0.5	OT
20240708-017	431 E SHAWNEE ST	7/8/2024	10:30 am	7/8/2024	11:45 am	7/8/2024	11:30 am	1	Leak	Went out to investigate and found small leak on water valve. spoke to resident and told him we be back on 7/9/24 to make repair resident	1:15	1:00	3.0	OT
20240709-019	15415 LAKE ROAD 3 ST	7/9/2024	11:15 am	7/9/2024	11:30 am	7/9/2024	12:15 pm	1	Leak	customer called in reporting water in the driveway. went out again and listened to all 4 services up the hill from her house, and the fire hydrant.	0:15	1:00	2.0	RI
20240710-016	705 S OAK ST	7/8/2024	3:58 pm	7/8/2024	4:08 pm	7/8/2024	4:40 pm	1	Leak	Customer called in about a possible main break, showed up to residents house and seen water running over curb. followed water flow and water	0:10	0:42	1.0	RI
20240722-009	411 E LINCOLN LN 611 E LINCOLN LN	7/20/2024	10:00 am	7/20/2024	10:30 am	7/20/2024	5:45 pm	15	Leak	Resident called in water coming from under driveway. went out and found Crack in CIP water main. repaired with 6x12 repair clamp and backfilled.	0:30	7:45	14.5	LF
20240730-016	677 N PEAR ST	7/26/2024	6:00 pm	7/26/2024	6:15 pm	7/26/2024	7:00 pm	1	Leak	Received page at 6pm from 677 N Pear stating they had water coming up from a box in their yard. Upon arrival I found water bubbling out of fiber box.	0:15	1:00	0.8	RI
20240730-029	E SHAWNEE ST	7/30/2024	5:00 pm	7/30/2024	5:15 pm	7/30/2024	6:00 pm	0	Leak	Resident going by water storage tank on Shawnee saw water coming from door and called after hours pager. went out and saw water coming from	0:15	1:00	1.0	OT
20240812-013	29717 W 188TH ST	8/10/2024	9:30 pm	8/10/2024	10:15 pm	8/10/2024	11:00 pm	0	Damaged	POLICE CALLEDIN AND REPORTED SOMEONE HAD HIT A HYDRANT IN NOTTINGHAM VILLAGE APARTMENTS. WENT OUT AND PICKED UP HYDRANT.	0:45	1:30	1.0	O
20240814-007	232 N POPLAR ST	8/14/2024	6:00 am	8/14/2024	7:30 am	8/14/2024	8:30 am	1	Leak	customer called in reporting a leak at the hydrant at this location. went out and found the water hose at this address was on fully and running	1:30	2:30	3.0	RI

Water Distribution Repair Summary

Report Dates Between 7/1/2024 and 9/30/2024

10/31/2024

LF - Line Failure, SF - Saddle Failure, VF - Valve Failure, RCF - Repair Clamp Failure, O - Damage By Others, RI - Residents Issue, OT - Other

11:23 AM

WO #	Location	Date Reported	Time Reported	Date of Arrival	Time of Arrival	Date Complete	Time Completed	# Customers Affected	Problem	Comments	Response Time	Repair Time	Manhours	Cause
20240820-010	E GRAND ST	8/19/2024	7:07 pm	8/19/2024	7:25 pm	8/19/2024	7:40 pm	0	Settlement	Hole in the ground from hydro looking for valve put a cone on it and fill in the next day	0:18	0:33	0.5	OT
20240821-007	18515 CHERRY CT	8/21/2024	11:00 am	8/21/2024	11:15 am	8/21/2024	12:00 pm	1	Damaged	Home owner was backing out of driveway and backed over and knocked down a fire hydrant.	0:15	1:00	2.0	O
20240828-010	211 N ALDER ST	8/28/2024	10:30 am	8/28/2024	11:30 am	8/28/2024	11:45 am	1	Water Quality	Was called to flush 10,000 gallons on Alder ST. Because resident called in about smelly water.	1:00	1:15	2.0	RI
20240913-002	624 E MOCKINGBIRD ST	9/13/2024	10:00 am	9/13/2024	10:15 am	9/13/2024	10:45 am	1	Settlement	Teddy: Customer called in saying that his sidewalk is settling and that a city crew performed work there a couple of years ago. Searched our work	0:15	0:45	0.5	RI
20240916-012	KILL CREEK RD	9/13/2024	8:30 pm	9/13/2024	8:45 pm	9/13/2024	9:00 pm	0	Leak	Resident called in water running over sidewalk on the corner of Kill creek and Pratt. went out to investigate. I could not find anything wrong.	0:15	0:30	0	OT
20240923-011	603 N ELM ST	9/23/2024	5:36 am	9/23/2024	6:00 am	9/23/2024	10:00 am	12	Leak	Resident called in water running down the street. went out and found water main break. Throttled down water at 6:00 am. called locates in. dug up and	0:24	4:24	16.0	LF

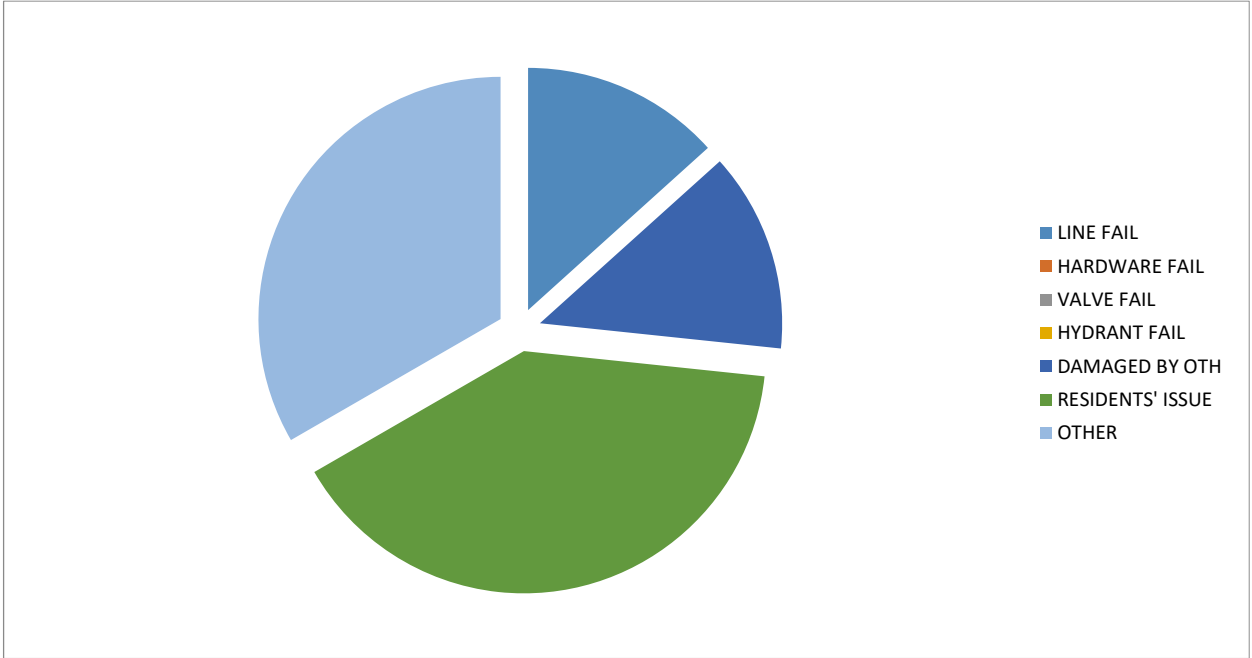
Totals: 35

47.7

	9	After Hours Average	0:22	2:00	Cause Totals
	6	Workday Average	0:45	1:15	LF 2
	15	Average	0:31	1:42	SF 0
					VF 0
					RCF 0
					O 2
					RI 6
					OT 5

3Q 2024 Water Repair Report

LINE FAIL	HARDWARE FAIL	VALVE FAIL	HYDRANT FAIL	DAMAGED BY OTH	RESIDENTS' ISSUE	OTHER	TOTAL
2	0	0	0	2	6	5	15



UTILITY ADVISORY COMMISSION STAFF REPORT DISCUSSION ITEM #4
MEETING DATE: NOVEMBER 7, 2024
STAFF CONTACT: GONZALO GARCIA, UTILITIES DIRECTOR

AGENDA ITEM: Project Updates

Background:

Director Garcia will discuss current developments of projects.