

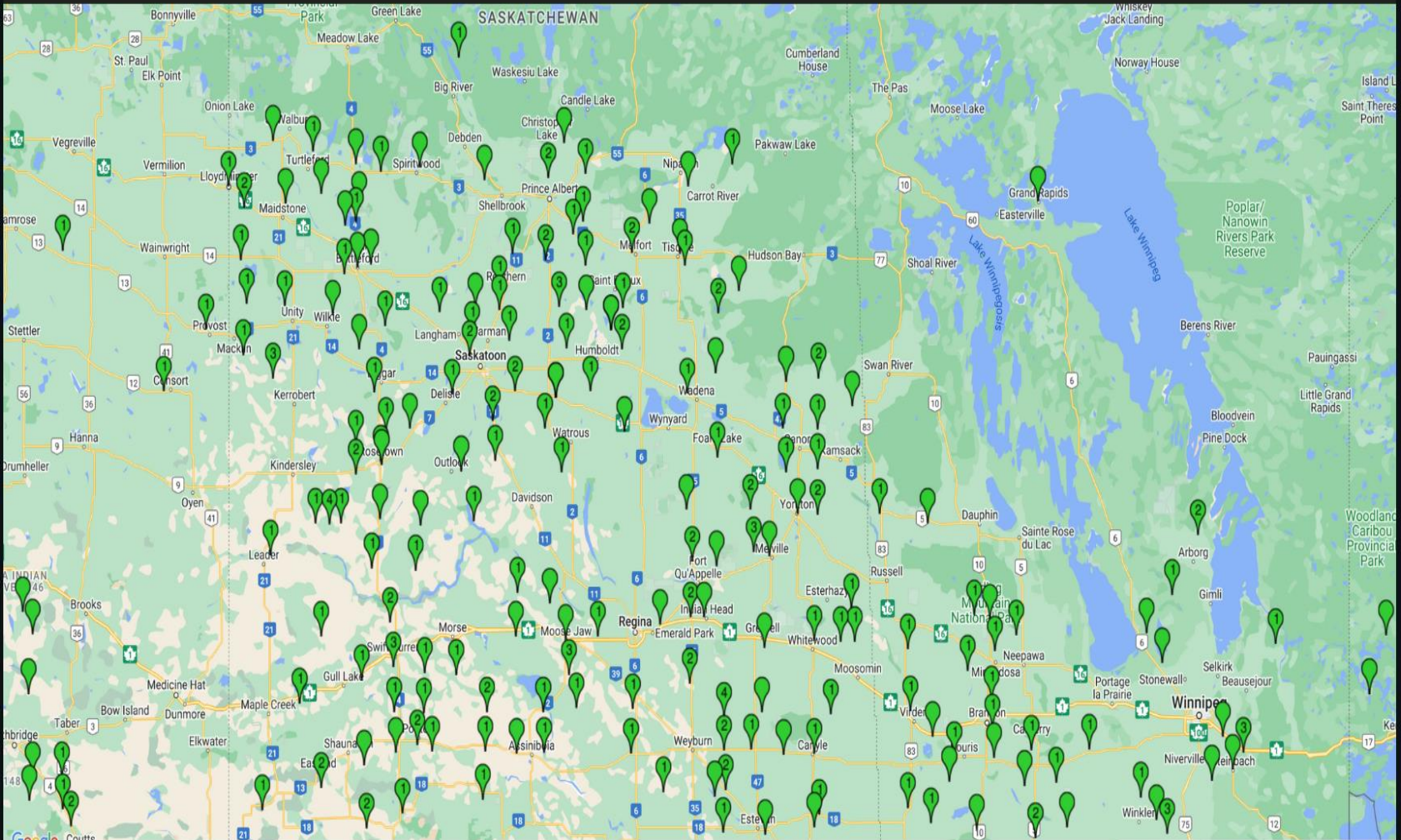


About Us ...

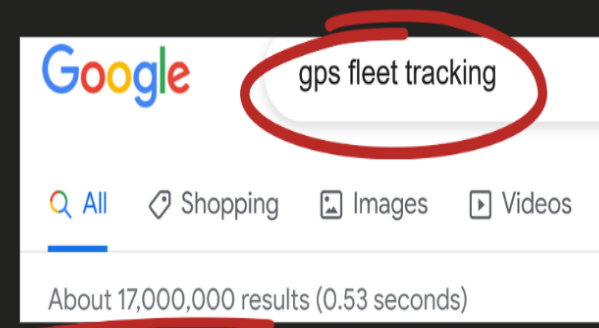
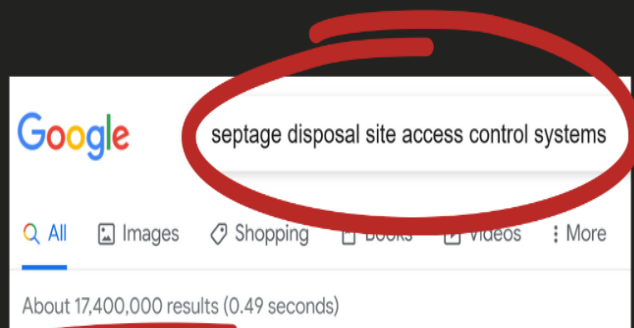
WE ARE CANADA'S FOREMOST WIRELESS
SYSTEMS SOLUTION PROVIDER OFFERING
25+ UNIFIED PRODUCTS DEVELOPED FOR
MUNICIPAL PUBLIC WORKS OPERATIONS

ONE SYSTEM ENDLESS SOLUTIONS

SNAPSHOT OF OUR WESTERN CANADIAN MUNICIPAL GOVERNMENT CLIENTS



SEPTAGE SITE ACCESS VS GPS FLEET TRACKING



ConX Wireless *exclusively* integrates
Septage Disposal Sites with
Mobile Collection Monitoring & Control



Septage Site & Haulage Tracking Disposal Systems



ONE SYSTEM ENDLESS SOLUTIONS

4 Scaled Septage System Solutions to Exceed Municipal Requirements



SDS-G

KEYFOB OPEN PIT GATE ACCESS, MONITOR & CONTROL

Collection Operators gain gate access using keychain FOB & wirelessly recorded

SDS-M

SMARTPHONE OPEN PIT ACCESS, MONITOR & CONTROL

Operators required to enter using smartphone collection points, & volumes to gain access

SDS+

FLAGSHIP KEYFOB SEPTAGE SITE ACCESS, MONITOR & CONTROL

Real-time wireless communications of access, volume & event activities to servers

SDS-C

VEHICLE GPS ROUTE COLLECTION MONITORING & CONTROL

Monitor collection sites to be sure that tank contents are not "Blacklisted"

Our Family of by-feature Septage Site Access Systems



System Features	SDS-G	SDS-M	SDS +	SDS-C
# of Access Users	Unlimited	Unlimited	Unlimited	Unlimited
System billing options	Flat-Fee, Per-Visit & No-Pay	Pre-Pay & User Top-Up	Pre/Post/No/Flat-Fee Pay	Pre/Post/No/Flat-Fee Tap Pay
System access	Key Fob	Fob & Smartphone	Fob & Smartphone	Fob & Smartphone
Activity/usage storage & accessibility	All Usage Data	All Usage Data	All Usage Data	All Usage Data
Water access outlet points per location	1	1	1 or 2	1 or 2
Extended Cellular Range option *	*	*	*	*
Accessible by authorized Septage users only	✓	✓	✓	✓
Web-based administration	✓	✓	✓	✓
Volumetric (Time-based) septage metering	✓	✓	✓	✓
Customizable Hours of Operation	--	--	✓	✓
Extensive Customer Support & Training	✓	✓	✓	✓
Automatic Timed Safety shut-off per transaction	✓	✓	✓	✓
Unlimited manager accounts	--	✓	✓	✓
Accessible by any web-connected device <small>(incl smartphone)</small>	--	--	✓	✓
Hardware compatible with all septage disposal systems	✓	✓	✓	✓
Tandem operation with existing access systems	✓	✓	✓	✓
Paperless transaction receipts	--	--	✓	✓
Low-balance account notification sent to User	--	--	✓	✓
Auto-disable access at \$0 balance	--	✓	✓	✓
User access for multiple sites/inlets	--	--	✓	✓
Auto-Shut off Volume Limit per location or User	--	--	✓	✓
Septage Volume limits (Day, Week, Month)	--	--	✓	✓
Automatic system shut-off at \$0 account balance	--	--	✓	✓
Manage unlimited locations single login access	--	✓	✓	✓
Define different water \$ rates for different users	--	--	✓	✓
Historical Dashboard – Graphs and Charts	--	--	✓	✓
Detailed water billing reports	--	--	✓	✓
Export & print report options	--	--	✓	✓
User group creation (e.g. Commercial/Ratepayer)	--	--	✓	✓
SMS Text Message Notifications	--	--	✓	✓
Custom solutions development (software & H/W)	--	--	✓	✓
External Flow Sensor (4-20 Ma signal) integration	--	--	✓	✓
Sensor/switch operational notifications	--	--	✓	✓
Credit / Debit Card top-up payment integration	--	✓	✓	✓
3 rd Party Billing Software integration (API) *Optional	--	--	*	*
Water user accessible/exportable reports	--	--	✓	✓
Mobile phone pump on/off & volume selection	--	--	✓	✓
User/Group email notification (eg. maintenance)	--	--	✓	✓
Customizable per-transaction	--	--	✓	✓
Power failure notification	✓	✓	✓	✓

ACCESS INSTRUCTIONS

1 Place key fob on reader until single beep is heard.

2 Entry granted upon authorization beeps.



CONX
WIRELESS

4 Beeps: Error (repeat steps) | 8 Beeps: Denied

Small Yet Mighty
... just 5" square

Septage Site Access & Monitoring System

- 1-step control
- No maintenance
- No moving parts
- IP67 waterproof
- High impact housing
- Cellular data communications
- Retrofit & new installs
- Agnostic existing system integration
- (typically 1 hour to install)

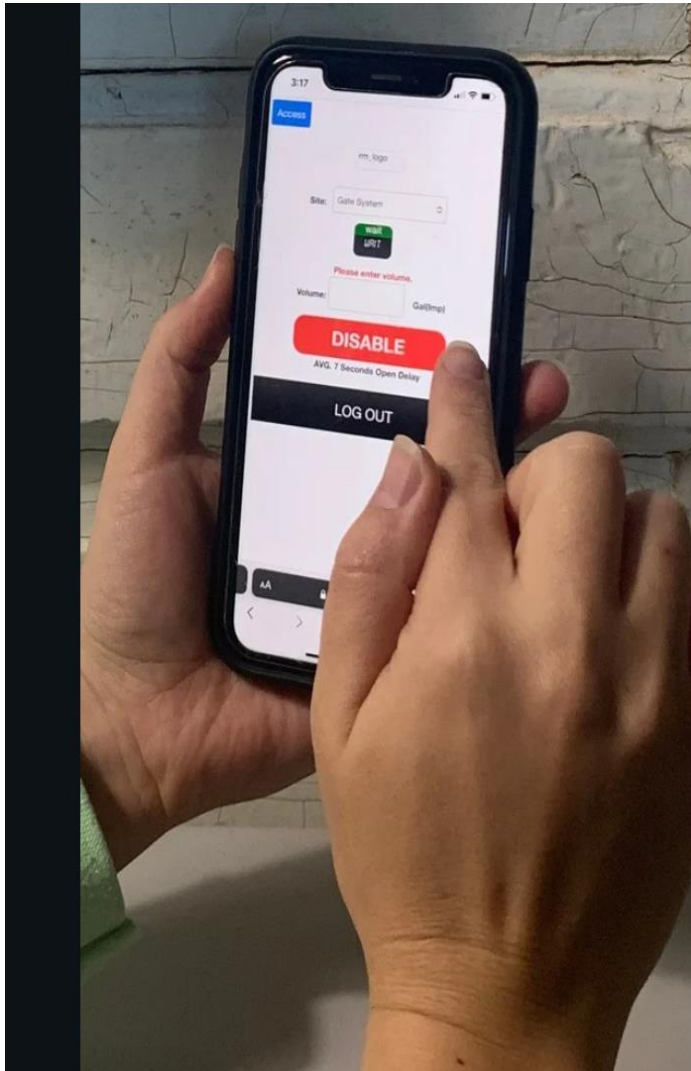


Gate Solar Power System - GSPS

- Solar Panel**
12 volt dc - 100 watt
w/ 4" pole mount kit
- ConX Access System**
12 volt dc operation
- Battery Box**
w/ voltage regulator
& 12 volt dc - 100 ah
deep-cycle battery
(battery customer-provided)

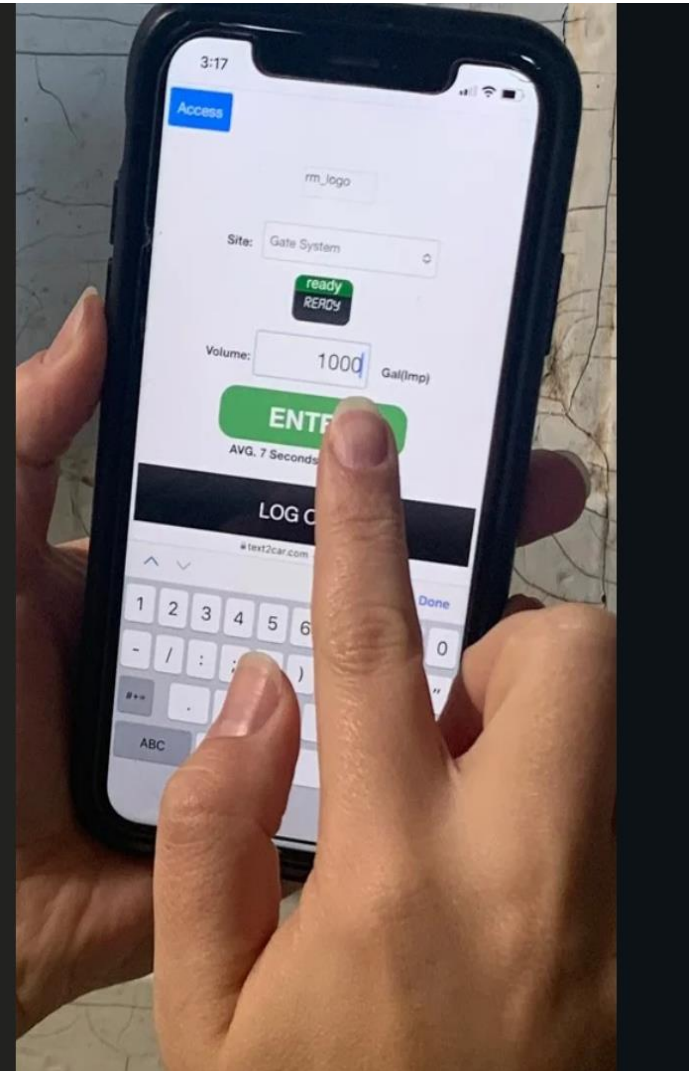


- Wiring Harnesses**
- Magnetic Switch**
- 12 volt Gate Latch**



SDS-M No-App Smartphone Site Access

To gain access
Operator
required to enter
collection data
eg. tank volume,
collection area,
tank contents
before access
provided



SDS+
Our
Flagship
Access
System



COST-EFFECTIVE
FEATURE-RICH



Septage Disposal Issues & Needs

● **TOXINS & CONTAMINATES**

Eliminate the concerns of possible toxic or other problematic constituents in the septage disposal process

● **STOP IT BEFORE IT CAN HAPPEN**

Prevent the disposal of unauthorized products at select disposal sites. Notify Operators & Municipalities in real-time

● **PAY BY CONTENT MIX**

Apply different disposal rates determined by both route collection content & disposal sites

● **DIGITAL MANIFESTS**

Create digital real-time collection Manifests without the need of manual documentation entry

● **KNOW WHAT YOU DON'T KNOW**

Incorporate the monitoring & reporting of septage pick-up points & disposal site locations

● **CREATE A DATABASE OF COLLECTION "CATEGORIES"**

Determine collection profiles. The Category Profiles can be based on: "OK All", "FLAGGED", "OUTSIDE" and "BLACKLISTED"

SDS-C System Solutions Overview

SYSTEM OPERATION CAN BE BROKEN DOWN INTO 3 SEGMENTS:

- 1. MOBILE VEHICLE FLEET DATA COLLECTION AND MONITORING**
- 2. DISPOSAL SITE ACCESS AND DATA COLLECTION**
- 3. SERVER-BASED EVENT/ACTIVITY DATA ANALYTICS AND REPORT GENERATION**

Using a series of rules and operational event-based monitoring, our SDS+ System virtually eliminates all currently experienced critical issues.

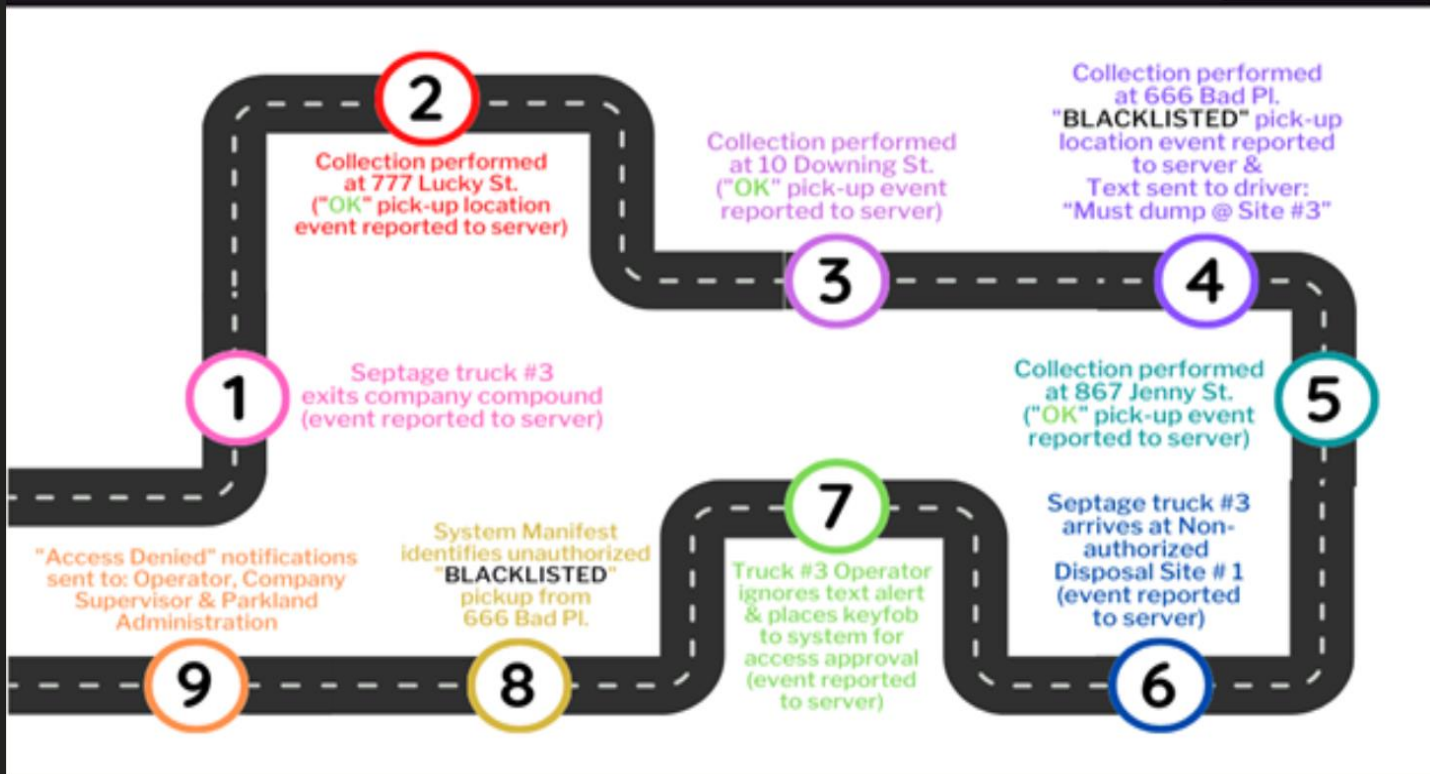
Further, the acquisition of digital real-time event activities are available to generate an unprecedented library of meaningful reports.

Every mobile and stationary event is catalogued and available forever with no manual entry requirements.

SDS-C



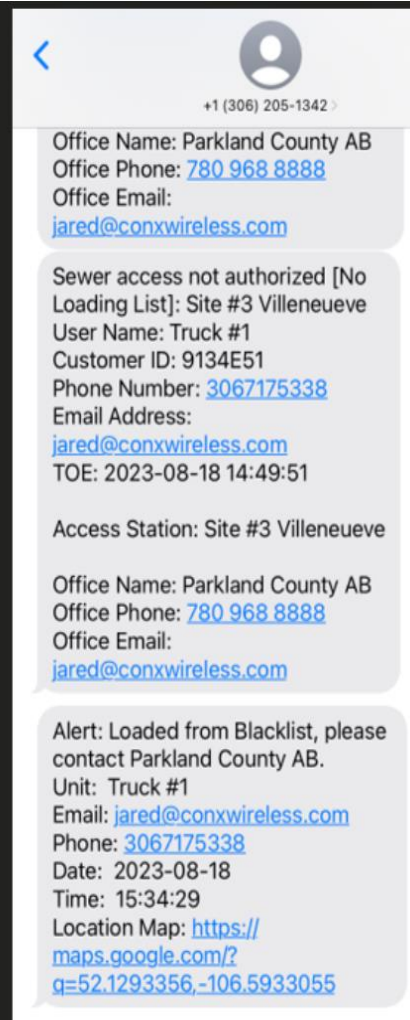
STEP BY STEP SEWAGE COLLECTION & DISPOSAL "A DAY IN THE LIFE"



Site Collection Violation Notification Text Sent to Collection Operator (real-time)



**TEXT INSTRUCTIONS WILL EITHER DIRECT
OPERATOR TO A SPECIFIC AUTHORIZED
DISPOSAL SITE OR WILL DENY ALL
ACCESS & OPERATOR IS REQUIRE TO
CONTACT MUNICIPAL OFFICE**



“Denied” email notification sent to Septage Collection Company office

• Sewer access not authorized [Flagged Place in Loading List]: Site #1

Inbox ☆



jared@conxwireless.com
To: jared@conxwireless.com

Thu, Aug 3 at 2:03 PM ☆

Sewer access not authorized

[Flagged Place in Loading List]

User Name: Truck #2
Customer ID: 9134E51
Email Address: jared@conxwireless.com
Phone Number: 13067175338
TOE: 2023-08-03 14:03:20
Access Station: Site #1

Office Name: Parkland County AB
Office Phone: 780 968 8888
Office Email: jared@conxwireless.com

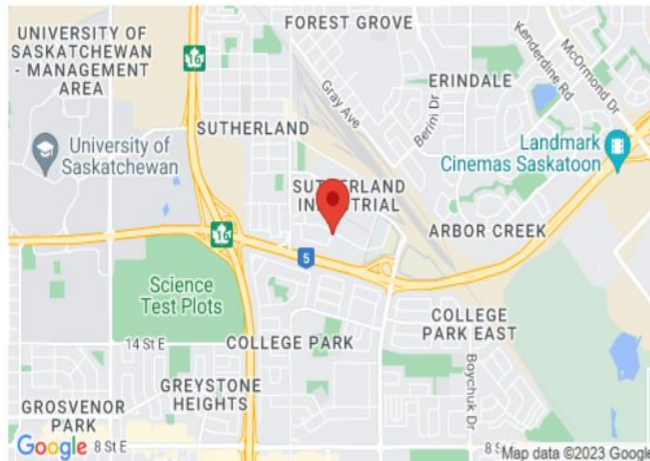
Powered by [ConxWireless.com](https://conxwireless.com)



Alert: Loaded from Blacklist

To reset Blacklist, Click [\[Reset\]](#)

Unit: Truck #1
Email: jared@conxwireless.com
Phone: 13067175338
DATE: 2023-08-18
TIME: 14:40:11



[View on Google Maps](#)



EMAIL BLACKLISTED COLECTION NOTIFICATION SENT TO MUNICIPAL PUBLIC WORKS

If configured as such by municipal office, Operator with infraction is blocked from any disposals until discussion between Municipal Office and Collection company

**KNOW MORE THAN
EVER BEFORE**

View Tank Volume Level

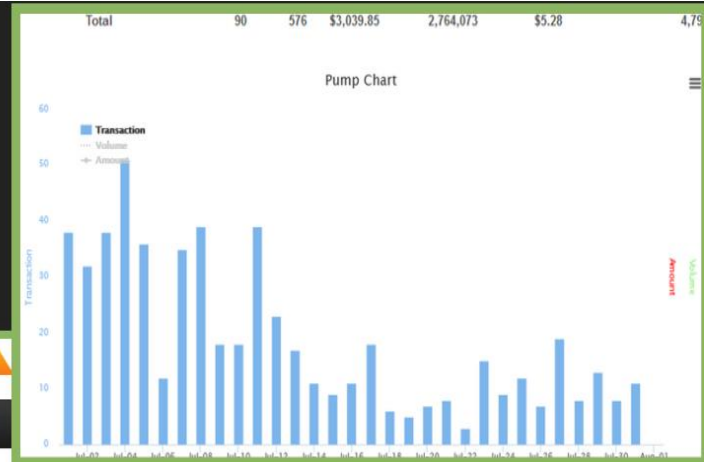
REAL-TIME REPORTING

See how much liquid was
collected at each site

Get alert of content disposal if
NOT at authorized site



A family of graphs & reports available to both the Municipal Administration & Collection Company Operation



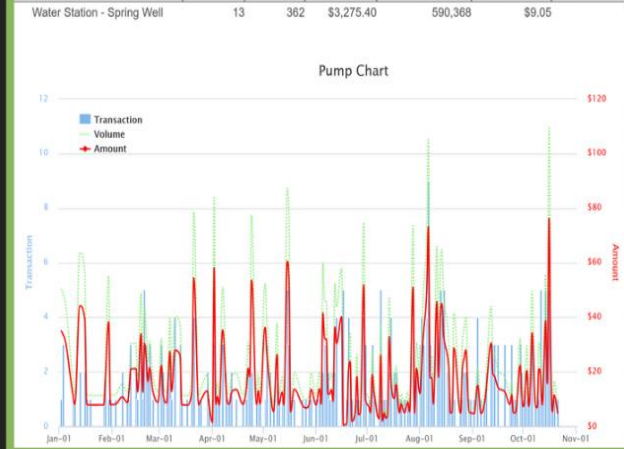
JMP CENTER

BACK TO COMMAND CENTRE

[Pump Report](#) [Message Center](#) [Settings](#)

Pumps - Summary Report (between 2021-01-01 and 2021-08-20)

Pump	Total Users	Total Trans	Total \$	Total Volume(L)	Average \$/Trans	Average Volume(L)/Trans
Water Station - Spring Well	13	382	\$3,275.40	590,368	\$9.05	

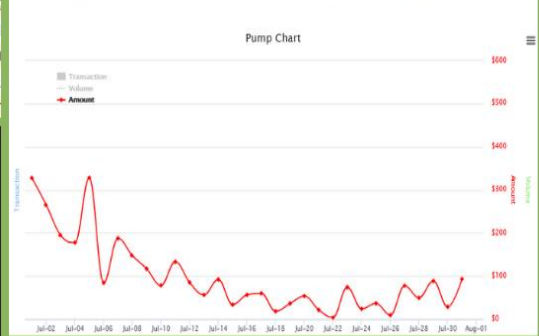


From 2021-01-01 To 2021-08-20 [Update](#)

Pumps - Summary

Pump	Total Trans	Runtime min.	Total \$	Total Volume
Wakaw Site Pump 1	1928	5676	\$13423.96	20237
Wakaw Site Pump 2	2507	18387	\$86721.80	11800
Wakaw Site -3	9	15	\$0.96	151
Cudworth Site	702	7298	\$20699.28	30500
Cudworth Site -2	3	3	\$0.15	24
Cudworth Site -3	1	0	\$0.03	5

Pump	Total Users	Total Trans	Total \$	Total Volume(L)	Average \$/Trans	Average Volume(L)/Trans
764328392 WFS 2 Rathwell Bulk	36	245	\$1,401.83	1,293,330	\$5.72	5.27
4764332736 WFS 3 Rathwell WTP	17	107	\$196.73	122,346	\$1.83	1.14
764333781 WFS 1 Treheme Bulk	37	224	\$1,442.29	1,348,397	\$6.44	6.02
Total	90	576	\$3,039.85	2,764,073	\$5.28	4.79



Customizable Reports – Municipal Admin.

Macro-Configurable by:

- Date Range
- Site
- Collection Company
- Collection Vehicle

Manifest by:

- Vehicle
- Site
- Company
- “Standard FOB” or “Exception FOB” (Porta-Potty only)

Event History (all communications & actions) by:

- Site
- Vehicle

Disposal Denied:

- Site
- Vehicle
- Company

Loading Details by:

- Vehicle Pick-up Location
- Pick-up Location Category (OK, Flagged, Outside, Blacklisted)
- Company
- Vehicle
- Group
- Standard Fob” or “Exception FOB” (Porta-Potty)

Unload Details by:

- Site
- Vehicle
- Company
- Group
- “Standard Fob” or “Exception FOB” (Porta-Potty)

OUR PARTING WORDS

Progress is impossible
without change, and
those who cannot change
their minds cannot
change anything.

GEORGE BERNARD SHAW



Contact Information



GET IN TOUCH!

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