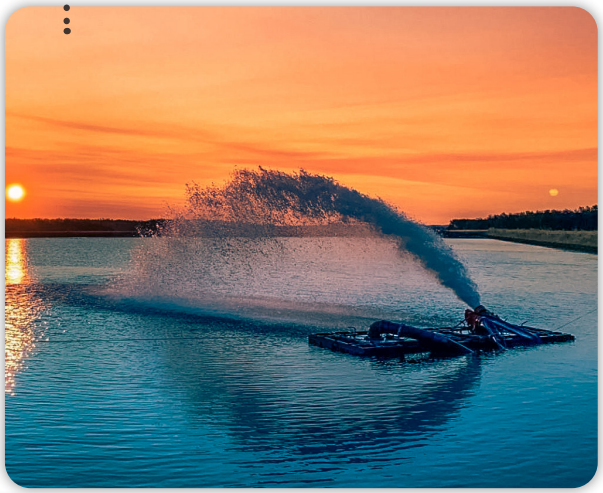
GES
Green Energy Services

A NETWORK OF INDUSTRY LEADERS SOLVING COMPLEX WATER MANAGEMENT CHALLENGES

FRACTION
Division of Green Energy Services

Fraction Energy Services

Reliable & innovative water transfer



CLIPPER CONTAINMENT
Division of Green Energy Services

Clipper Containment

Efficient, safe & sustainable fluid storage

Stimulate Energy Services

Integrated stimulation, optimization & produced water management

STIMULATE
Division of Green Energy Services

LV Energy Services

Safe, efficient & technologically advanced fluid heating solutions

LV ENERGY SERVICES
A Division of Green Energy Services Inc.

fractionenergyservices.com | clippercontainment.ca | lvenergyservices.com | stimulateenergy.ca

Containment

Water storage systems engineered to meet the demands of your operation's water storage requirements – customized to your specifications.

CLIPPER CONTAINMENT
Division of Green Energy Services

www.clippercontainment.ca

SAFE, EFFICIENT & SUSTAINABLE FLUID STORAGE SOLUTIONS

Clipper focuses on providing innovative and cost-effective containment options that ensure operational safety, regulatory compliance, and minimal environmental impact.

Our tailored solutions are specifically designed to address your project's unique needs – from c-rings, buffer tanks, Harpoon Tanks & Minions®.

Industry Leading C-rings, Buffers, Harpoon Tanks & Minions®

Modular Tanks

The largest variety of modular tanks in the industry are found at Clipper.

Our fleet is suitable for various lease sizes and frac spread layouts. We provide customized options based on fluid compatibility, storage duration and regulatory compliance.

Minion® Tanks

Proud to partner with ThinkTank to supply the Minion® tank which saves time and money on consumable costs, liner disposal and recycling with a reusable bladder.

The Minion® tank has the largest volume to area storage capacity, saving much needed space on your project.

Harpoon Tanks

Harpoon tank systems are engineered to deliver high-volume, reliable fluid storage with industry-leading safety, capacity, strength, and flow performance. They feature rapid installation, advanced liner systems, and integrated monitoring to improve uptime, and adapt to a wide range of operating conditions.

Buffer Tanks

Engineered for practicality in the field, these dual-purpose frac tanks are delivered as a single legal load, complete with manifold, monitoring and safety equipment built right in.

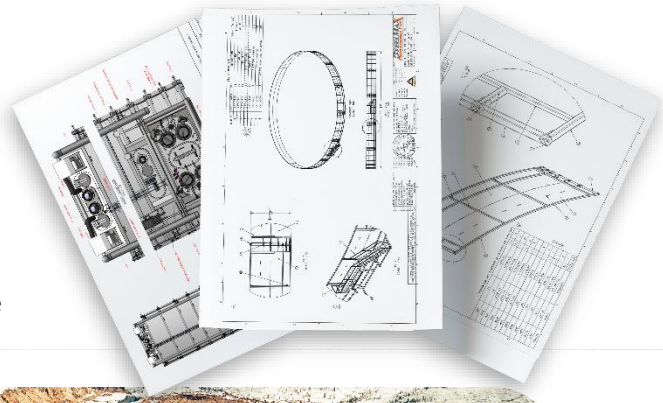
Less loads to haul, more volume on location – at less cost. Engineered to be safe, practical and efficient.

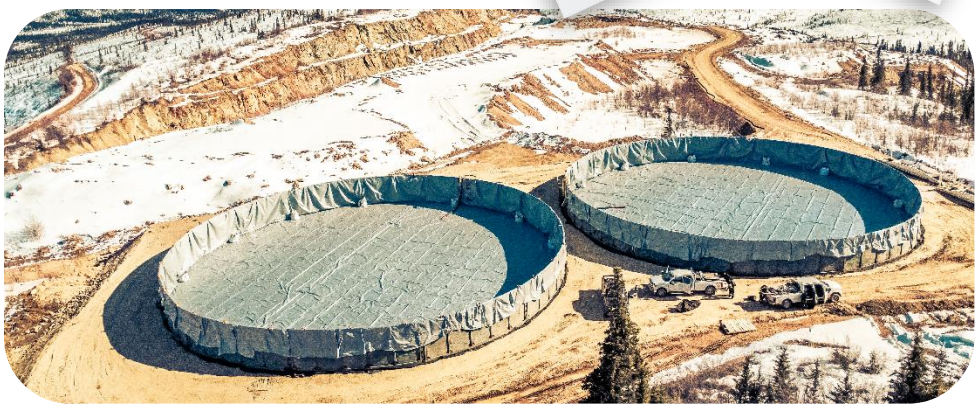
Working with our recycling partners, our used LLDPE liners are shred, grind and washed, reclaiming the LLDPE resin in a 100% environmentally friendly process.

Grande Prairie | Fort St. John | Lacombe | Dawson Creek | Calgary

Modular Tanks | C-Rings

- Engineered for regulatory compliance with ample storage to supply multiple frac stages
- Quick set-up with minimal loads – no long-term liability and less expensive than traditional below ground storage
- Dual-lined capabilities and fitted with wildlife deterrents
- Level and leak monitoring options provide remote fluid surveillance
- Insulated walls reduce heating system strain, extending equipment life
- 30 mil and above liner availability – enhanced integrity





TANK SIZE	VOLUME HEIGHT COEFFICIENT	STORAGE VOLUME AT 1M FREEBOARD	TANK DIAMETER		WORK AREA		NUMBER OF TRUCKLOADS
m^3	m^3 : inch	m^3	ft	m	ft x ft	m x m	
1,300	10	947	72	22	110 x 110	33.5 x 33.5	1
3,000	22	2132	110	33.5	140 x 140	42.7 x 42.7	1
4,500	30	3302	133	40.5	170 x 170	51.8 x 51.8	2
6,600	45	4845	156	47.6	200 x 200	61.0 x 61.0	3
9,500	67		189.5	57.6	230 x 230	70.1 x 70.1	3
13,000	90		221	67.4	260 x 260	77.4 x 77.4	4

Freeboard is identified as 1 meter from the rim of the tank. Some storage systems from this chart are scalable.

Clipper crews manage the full life cycle of the project – from groundwork and set-up, to tear-down and liner recycling

CLIPPER CONTAINMENT
Division of Green Energy Services

Grande Prairie | Fort St. John | Lacombe | Dawson Creek | Calgary

Minion® Tanks

- No consumable costs, liner disposal, or recycling required with reusable bladder
- Save space and money – largest volume-to-area storage capacity, easy mobilization, set-up, and tear down
- Hydrostatic pressure means no onsite pumps, transfer equipment, or added labour
- Enclosed top allows for optimized heating and reduced environmental exposure

	DIAMETER	SAND REQ'D (YARDS)	TRACTOR LOADS	EST. RIG UP TIME (HOURS)
575m³ Set Up Requirements: 36' diameter firm level sand base; 44' diameter area; 4-person Clipper crew; 45-ton picker w/ swamper & manlift; 30m³ of water required on location at end of rig up to set bladder	29.4'	30	1	3-4
1,000m³ Set Up Requirements: 50' diameter firm level sand base; 60' diameter area; 4-person Clipper crew; 45-ton picker w/ swamper & manlift; 60m³ of water required on location at end of rig up to set bladder	40'	40	1	4-5
1,500m³ Set Up Requirements: 60' diameter firm level sand base; 75' diameter area; 4-person Clipper crew; 45-ton picker w/ swamper & manlift; 90m³ of water required on location at end of rig up to set bladder	49'	55	2	5-6
3,200m³ Set Up Requirements: 90' diameter firm level sand base; 105' diameter area; 4-person Clipper crew; 45-ton picker w/ swamper & manlift; 150m³ of water required on location at end of rig up to set bladder	69'	90	3	7-8

Buffer Tanks | Logistical, cost-effective fluid storage

Shark Tank – 193m³ (1,214 bbl)

- Single skidded load
- 4 x 8" inlet manifold from water source
- 8 x 4" manifold to supply frac
- Dual compartments separated by a weir allows extra separation & retention time during flowback
- 2" steam coil and insulated walls to maintain heat
- Dual gauge boards on both ends to allow for visual fluid level monitoring
- Multiple tanks can be daisy chained to increase volume in reduced footprint
- Capable of adding electronic level monitors with telemetry to provide remote surveillance capability
- Coated interior for corrosion resistance and ease of cleaning
- Semi-open top for quick, easy visibility of fluid levels

Whale Tank – 234m³ (1,472 bbl)

- Single load pinned and certified for highway transport
- 20 x 4" internal manifold
- Multiple external tie-in ports in 8", 10" and 12" sizes
- 2" steam coil for heat maintenance
- Gauge board for fluid level monitoring
- Multiple tanks can be daisy chained to increase volume in reduced footprint
- Equipped for sour service

Aqua Stack – 448m³ (2,818 bbl)

- Two skidded 14' wide loads
- Multiple 10" inlets for high flow operations
- 20 x 4" port manifold for frac tie in
- Max volume per footprint buffer storage system maximizes space for small leases
- Capable of adding electronic level monitors with telemetry provides remote surveillance capability

CLIPPER CONTAINMENT
Division of Green Energy Services

Harpoon Tanks | Large Volume; Small Footprint

Harpoons offer the largest m^3/sq. ft. on the market – built for extreme flow rates and no power required, these tanks are available for rapid deployment.

- One-piece engineered liners reduce setup and install times
- Superior connection-point and engineering strength with a 2x safety factor
- Digital level monitoring system with optional remote monitoring
- Reusable single liner (standard) or dual-lined liner (optional)
- Dual high flow manifolds for unmatched versatility
- Minimal trucking required
- SCADA-ready

Easy clean technology & eco-friendly design

	DIAMETER	TOTAL VOLUME	USABLE VOLUME	M3/INCH	M3/FOOT	M3/1 PSI
15 PANEL HARPOON	55’	**2,420 M^3**	2,320 M^3	5.61 M^3	67.25 M^3	155.33 M^3
20 PANEL HARPOON	70’	**3,923 M^3**	3,752 M^3	9.08 M^3	108.9 M^3	251.7 M^3

Across British Columbia & Alberta, you can count on Clipper to bring precision, reliability, and foresight to every project.

Connect with Us

info@clippercontainment

- Office: 780-567-5379
- Dispatch: 780-380-888
- 24/7 Emergency: 1-866-592-8293

CLIPPER CONTAINMENT
Division of Green Energy Services

Water Transfer

Fraction employs the largest fleet of water transfer pumps in the Canadian pumping market.

FRACTION
Division of Green Energy Services

www.fractionenergyservices.com

WE MOVE YOUR WATER SAFELY & EFFICIENTLY

Utilizing advanced automation and telemetry, Fraction leads the industry in water transfer solutions. Our crews are the most experienced in the business, well-trained and professional – we will take on any size project, safely managing fluid levels from overfill or undersupply.

CUSTOMIZED PUMPING SOLUTIONS – ENGINEERED IN-HOUSE

Fraction's diverse fleet of pumps support all volume and pressure applications. Pump types are selected based on the most efficient way to support project logistics and include our range of multi-stage pumping units along with our suite of high and low volume centrifugal pumps. Whether the fluid being pumped is fresh or saline water and is being transferred through customer owned pipelines and infrastructure or through above ground piping including either lay flat hose, or HDPE piping, our equipment can be sized to the specific deliverability rate needed.

- Above ground water transfer
- TDL sourcing services
- Engineered line design
- Infrastructure water transfer
- Frac support
- Fast load/off load stations
- Flowback/Produced water filtering
- HDPE fusing
- Dewatering
- Bypass pumping
- Pipeline and tank hydrotesting

By using automation, workforce requirements decrease along with increased fuel efficiency and ultimately lower costs for our customers. Fraction provides telemetry equipped flow meters to aid in the reporting of daily and end of project fluid totals, tank level control to mitigate the risk of overfills, and automated valve management to improve fluid management delivery to frac operations.

Focused on improving fluid management through engineering proficiency, automation & telemetry.

Grande Prairie | Fort St. John | Lacombe | Dawson Creek | Calgary

Heating

CSA Compliance & Certification ensures our line of superheaters is rigorously tested, functions reliably & ultimately reduces on-site risk.

LV ENERGY SERVICES
A Division of Green Energy Services Inc.

www.lvenergyservices.com

HIGH-EFFICIENCY HEATING SOLUTIONS

LV Energy Services, a subsidiary of Green Energy Services, offers fluid heating for any project, any size, in any environment. SCADA controlled, direct-fired, high-efficiency Superheaters allow you to monitor fuel usage, temperature differential, thermal and fuel efficiencies in real-time, realizing further cost savings through even greater fuel usage control.

CSA COMPLIANCE & CERTIFICATION

LV Energy offers compliant frac fluid heaters with dual fuel capacity. Every valve on our heater units is CSA certified for both propane and natural gas. With state-of-the-art automated pressure and temperature controls, our heaters maximize safety and efficiency to optimize your operation.

Advanced heating technology for upstream & midstream sectors

Frac Water Heaters

- 27MM BTU high efficiency self contained super heaters
- Mobile diesel heaters
- Mobile LPG/NG superheaters
- 40MM to 60MM BTU skid heaters
- Speed load stations

Boilers

- Mobile boilers
- 80-600HP skidded Tri-Fuel boilers
- Industry first - boiler & glycol combo units

Glycol Heaters

- 1.5 - 6.8MM BTU self contained glycol heaters
- Glycol to Water - fluid heat exchangers
- Glycol to Air - high flow air heaters
- Heat tracing

140 **Million standard cubic feet of NG fuel saved by using high efficiency heaters over conventional heaters**

Treatment

Innovative & Cost-Effective Fluid Treatment, H_2S Management & Production Optimization

STIMULATE
Division of Green Energy Services

www.stimulateenergy.ca

FULL SPECTRUM WELL & WATER SOLUTIONS

Since 2007, we've been solving the toughest downhole and water-related problems in Northeast BC and Northwest Alberta — helping Montney and Duvernay producers maximize recovery while reducing costs and environmental footprint. We don't sell products in isolation; we deliver complete, site-specific programs that restore flow, extend well life, and turn produced water from a liability into a reusable asset.

19+
Years in Operation

3M+
M^3 Sour Produced Water Treated

1M+
Lbs H_2S Media Supplied/Yr

DAF treatment process designed to remove total suspended solids (TSS) and dissolved iron from produced water

FLUID TREATMENT

Treat, Reuse, and Keep Producing

H_2S Removal

Mechanical agitation, gas stripping, and chemical polishing to fully eliminate hydrogen sulfide from flowback and produced water.

Bacteria Control

Targeted biocide programs and ATP testing to manage sulfate-reducing and acid-producing bacteria that cause souring and corrosion.

Dissolved Solids Removal

Precipitation and removal of dissolved barium, sulphate, iron, and other ions, that cause scaling and plugging downhole.

Dissolved Air Flotation

DAF systems inject micro-bubbles to float suspended oils, solids, and emulsions to the surface for efficient separation and skimming.

TSS Removal

Total suspended solids removal through coagulation, flocculation, and settling to meet reuse or disposal specifications.

Filtering & Cooling

Multi-stage filtration and cooling systems to reduce temperature and particle loads before reuse or transfer to disposal.

Connect with us in Fort St. John and Grande Prairie | info@stimulateenergy.ca

PRODUCTION OPTIMIZATION

Unlock Measurable Production Gains

No two wells are the same. That's why we don't provide one-size-fits-all solutions. We apply specific chemical and mechanical treatments that unlock measurable production gains in the Montney and Duverney formations. We deliver results — not promises.

- **Mechanical Optimization**: high-pressure separators, mobile gas lift compressors, and neighbour well unloading to recover liquids and restore flow.
- **Chemical Optimization:** custom-formulated blends – foamers, acids, solvents, scale inhibitors, and wax treatments – designed for formation-specific conditions to clear restrictions and maximize output.

H_2S MANAGEMENT

Take Back Control with Complete H_2S Treatment Solutions

Sour fluid operations don't have to compromise safety or efficiency. At Stimulate, we specialize in safe, efficient, and cost-effective hydrogen sulfide (H_2S) management for operators across Northeast British Columbia and Northwest Alberta.

From low-level souring to high-concentration challenges, we deliver results that optimize for production uptime while safeguarding personnel and infrastructure.

Gas Phase Treatment

Iron oxide and iron hydroxide dry bed media for vapor phase H_2S removal. High-capacity granular media converts H_2S to iron pyrite, delivering sweet gas at less than 1 ppm from inlet concentrations up to 40,000 ppm.

Liquid Phase Treatment

Oxidizer-based and triazine liquid scavengers paired with Zero Atmosphere vessel technology for produced water and multiphase lines. Mechanical agitation and chemical polishing eliminate H_2S from flowback and produced fluids on site.

In-Field Chemical Injection

Our D-Vour liquid scavenger formulations provide continuous H_2S neutralization as sour fluids travel through your infrastructure — from wellhead to facility gate.

TAILORED SOLUTIONS

The *Right Equipment* for Every Well

Every well presents a different challenge. Our equipment lineup is purpose-built so we can match the right solution to the problem — keeping costs down and getting production back on track.

- High/Low Pressure Separators – 150 PSI to 1450 PSI
- Mobile Gas Lift – Single stage (1150 PSI) and dual stage (1250 PSI) compressors
- Neighbour Well Solutions – Poorboy lift systems that equalize pressure between casings and wells on multi-well pads
- Depressurization Services – Pipeline and facility depressurization for maintenance, repairs and safety shutdowns