

SUCCESS STORIES

SLURRY TANKERS



NZ's Specialist provider of

DAIRY EFFLUENT EQUIPMENT

NZ 0800 464 393

nevadagroup.co.nz

AUS 1800 963 490

nevadagroup.com.au

 **nevada**[®]
Sustainable Effluent Management

Welcome to Nevada

Your dairy effluent system needs to be future proofed, council compliant, safe, and maximising profitability for your farm! As accredited dairy effluent designers, Nevada's here to help you achieve that.

This book is a testament to our Slurry Tankers, manufactured from the highest-grade steel, galvanised inside and out to provide a heavy-duty performance that will last a lifetime. What's more, they all come with a Nevada RainWave™ nutrient spreader as a standard feature (other spreading options are available).

Read on to find out how dairy farmers, just like you, are reaping the rewards of spreading dairy effluent with their Nevada Slurry Tankers.

We are here for you.

Nevada slurry tankers are trusted by New Zealand and Australian dairy farmers for safety and reliability. Endorsed by Farm Source our slurry tankers are supported with a two-year warranty, and backed by customer service that is second to none.



**Year
Warranty**



**Trusted for
Safety & Reliability®**



SINGLE AXLE

Get More Done in Less Time

From investing in a state-of-the-art Nevada slurry tanker to adopting technologies that reduce environmental impact and improve farm productivity, John's story is one of resilience, resourcefulness, and forward-thinking. Here's how this multi-generational farm continues to grow and thrive while embracing modern agricultural advancements.

Located in the Waikato region just 10 minutes from Cambridge is John Charlton's family farm of 105 years. What started as 40ha has grown to 112ha of thriving farmland. "My father has been very passionate about buying land as it has come up and we've been able to purchase little bits as we go," John said.

John and his wife have leased their flat contour and sandy loam soil farm for 20 years from the family. With 340 cows split into two herds of Jersey and Friesian cows, the paddock rotation is made easier with the varying sizes of each section. "It works well with a two-herd system," John remarked.

Keep it simple

Being a System 3, the farm consists of in the shed feed and round bale silage with the cows on pasture all year round. When it comes to the effluent

management system, John keeps it as simple as possible. The effluent system includes a 500,000 litre bladder tank for the bulk of storage along with a 30,000 litre underground tank that is gravity fed from the shed itself. The underground tank is pumped directly to a slurry tanker, and then spread throughout the farm regularly.

As technology has changed over the years, it has made it easier to spread effluent more efficiently and with less hassle. The family farm has never used an irrigator and has continually utilised slurry tankers since the 1950s. "Our previous systems were very similar using slurry wagons, but the advances in the Nevada ones make it a lot more efficient and easy for staff to use," John noted.

When it came time to upgrade, John purchased a **Nevada 10,000L Slurry Tanker** which provided the equipment to spread effluent at a low rate across a large portion of the farm. "The process for purchasing was very simple. It was very easy and the delivery was very simple as well even though we are not in the same district. And the follow up service has been good as well," John said.

Working the whole farm

The flexibility of the Nevada single axle slurry tanker offered better navigation through narrow gateways, the ability to get near hedges, and space awareness to avoid troughs. With many lifestyle block owners nearby, John was concerned about lowering wind drift while still being able to reach the furthest corners for even growth across the paddocks. To go alongside the slurry tanker, John chose a RainWave™

John has increased capacity and lowered the fertiliser bill by getting effluent onto 90% of the farm with a Nevada slurry tanker.



Watch Video Online



attachment, which ensured effluent application closer to the ground with fewer particles going above the hedgeline. John immediately noticed the difference of less wind drift, enabling him to get closer to hedges and boundary fences without concern.

Internal galvanisation

Over the last 10 years, John has tried other brands of slurry tankers with features that didn't offer longevity or ease of use. Previous slurry tankers did more damage turning sharp corners and going through tight gateways on the farm. When researching what slurry tanker could offer all the features he was looking for, it was the double galvanisation that sealed the deal. "The internal galvanising, which is not always the same in all tankers in the ones we were quoted, were not internally galvanising, so that was a big attraction... and I've already seen evidence of the extra galvanising on the Nevada tankers doing its thing, it's clearly a better long lasting product than what I've used in previous effluent tankers," John said. Additional advantages of the features included easy maintenance, floatation tires, large side glass, and an auto-filling arm that saves

staff from having to manually connect pipes. The system provided no challenges in setting up and continues to be a valuable asset on the family farm.

Instant response

John has increased capacity and lowered the fertiliser bill by getting effluent onto 90% of the farm with a Nevada slurry tanker. "We find it works a lot better for our system to spread regularly and it just allows that instant use of fertiliser of the effluent onto the farm paddocks and the instant response we get from following the cows around on the pasture rotation," John noted.

For farmers who are looking to get a slurry tanker, John said "it's not as time consuming as you might think."

The efficiency of the technology and the design of the slurry tanker allows for greater capacity of loads in less time, making it easier for staff to get the job done. "I would recommend the Nevada tanker for the ease of use and the efficiencies of all the technology involved on it with the auto-fill arm and the RainWave™. And it's very easy for myself and the staff to use. So yes, I would recommend it for sure."

AT-A-GLANCE

John Charlton

REGION

Waikato



FARM SIZE

112ha



CONTOUR

Flat with some hills



COWS

340



INPUTS

System 3
Grass and Silage



EFFLUENT STORAGE

500,000L
Bladder Tank



30,000L Under
Ground Tank

PRODUCTS

- Nevada 10,000L
Single Axle Slurry Tanker

Figures are approximate only.





What do a Slurry Tanker and Robotics have in Common?

You can't stand still in farming, the future is always biting at your heels. But that means there is always the opportunity to learn something new and improve. John Duinham is future-proofing his farm with new ways of thinking.

Looking to the future

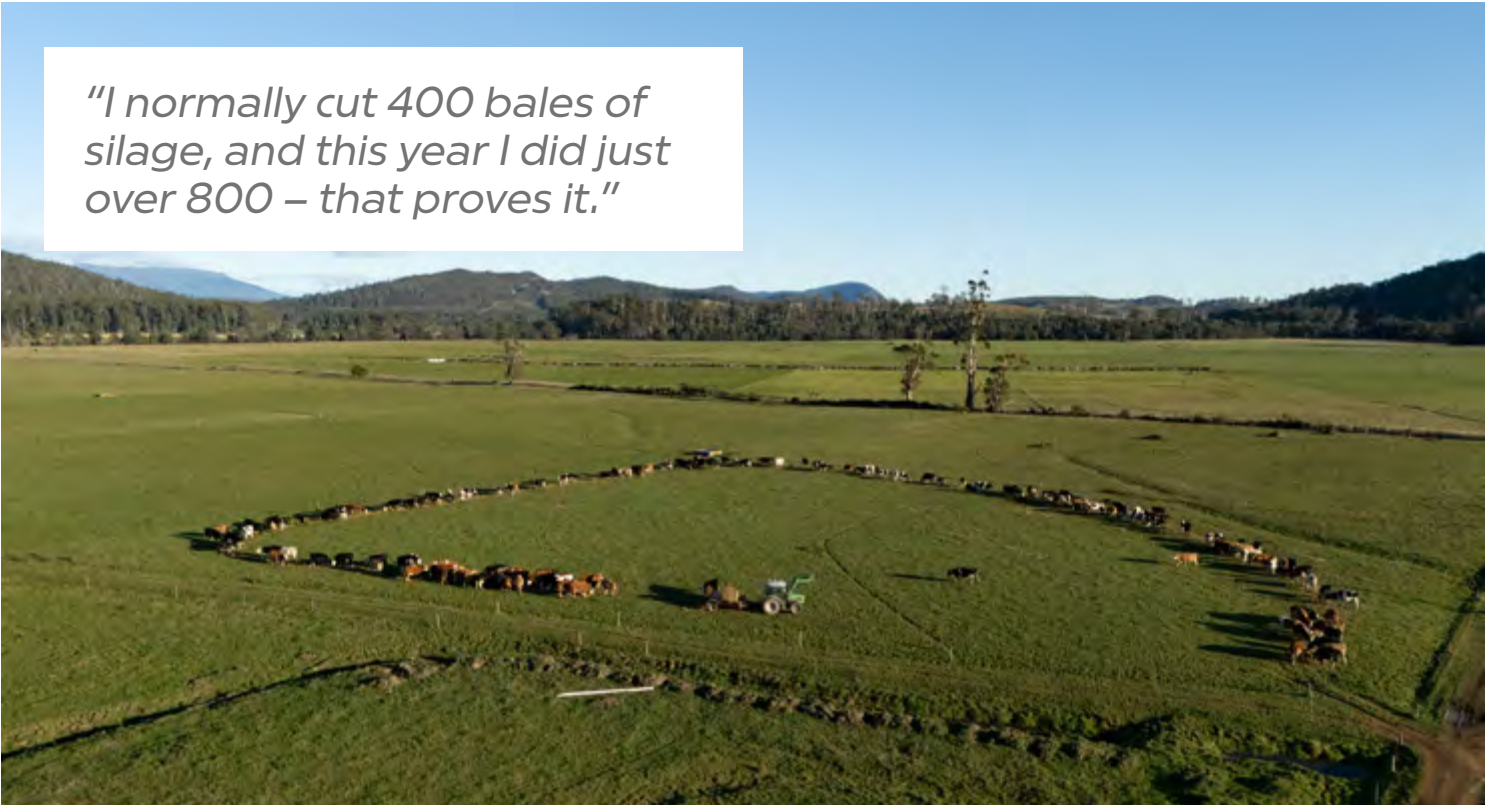
At the moment, he is transitioning to robotic farming. It's a high-tech solution but he is combining that with a tried and tested method that has been generating results for generations of farmers. Using effluent to grow heaps of grass; simple and effective, it is feeding his whole farm with nutrients. Both things are improving efficiency, so his cows and sons reap the benefits.

Improving efficiency

To make more efficient use of his effluent, he has turned to a 10,000 Ltr slurry tanker and a PTO stirrer for his pond. He is producing all the grass, silage and hay he needs, reducing vet bills, improving soil health and managing the whole system from the cab of his tractor. It is a piece of cake to operate, just two control valves. He comes home clean and relaxed, which gets a big thumbs up from his missus.

A headache he didn't need

Before they purchased a slurry tanker, John had a little traveller, which was a never-ending source of problems. Every day, something was going wrong or had to get fixed - it was more trouble than it was worth. In the end, enough was enough; he gave it away, got rid of a headache and bought a dream replacement.



"I normally cut 400 bales of silage, and this year I did just over 800 – that proves it."



AT-A-GLANCE

John Duindam

REGION

Deloraine, TAS,
Australia



FARM SIZE

160ha



CONTOUR

Flat to slight roll



COWS

180 Fleckvieh
cows



INPUTS

Grass & silage



EFFLUENT STORAGE

4,000,000L
Clay lined pond



PRODUCTS

- Nevada 10,000L
Single Axle Slurry Tanker
- TurboStir™ 6000
PTO Pond Stirrer

Figures are approximate only.

Better soil health

John produces all the feed he needs and has no need for extra fertiliser. The area has suffered from a green drought, but with the slurry tanker, he has been able to reach every nook and cranny of the farm. Soil health has vastly improved.

He had it tested by his local agronomist, who couldn't believe the results. During the drought, his green land stayed green, and when the rain did finally arrive, the grass shot away.

Money well spent

Before he got his tanker, John was using contractors to empty his effluent pond. Good fellas but it cost \$8,000 every time they turned up and the effluent never ended up where he wanted it. His pond needed to be emptied three times a year, which cost him \$24,000. Investing in the slurry tanker he saved him that money straight away. So in John's way of thinking, in three years it will almost pay for itself. Add to that the increased silage he has been able to produce and the fact that he does not need to buy fertiliser, it makes sense anyway you look at it. More grass, more milk, less headaches.

The way to go

John's advice – if you're considering getting a tanker, go and talk to someone who's using one. Most farmers will give you the straight truth. If there was anything wrong with it, he'd be the first to tell you, but in his opinion, it is the way to go.



Watch Video Online



Peter & Alyse made a Calculated Investment

Peter Slade and Alyse Fisher are hard-working farm managers and sharemilkers in Whangarei. Driven and determined to succeed, they have been progressively making improvements on the farm with thorough research to back up any decisions.

The value of effluent

When it came to effluent management, they could see their nutrients were not being fully utilised and something needed to be done about it.

"We have a small irrigation system set up that works well, but it only does a section of the farm. There's a lot of value in effluent, and it's a free resource. We needed to be spreading it over the entire farm," Peter said.

A smart investment

They did their research, found the slurry tanker they wanted, and it didn't take much calculating to prove the investment would soon pay for itself. So, with the farm owner on board, Peter ordered his Nevada 10,000L single axle slurry tanker.

No brainer

"The ability to spread the effluent over the entire farm and reduce the need for synthetic ferts made investing in a slurry tanker a no-brainer. I'd been impressed with the Nevada slurry tanker on the neighbour's farm and could see they are good value for money. Doing the calculations, it would pay for itself in no time."

Fortunately the Nevada 10,000L Single Axle slurry tanker was available right when they wanted it. It arrived in no time and they got to work spreading right away.

"We're really happy with it. It's quick and easy to use, and I'm glad we didn't go any smaller."

"The ability to spread the effluent over the entire farm and reduce the need for synthetic ferts made investing in a slurry tanker a no-brainer."



Dave's Keeping the Cows Happy

There's not a 'Mooo' to be heard on David Smith's farm in Coastal Taranaki... but it's not from a lack of cows, they're just waiting for a pat before leaving the cow shed to graze more of that green green grass!

A proactive approach

Dave's herd of 200 jersey cows get milked twice a day, and he also has a bull rearing block – all managed on his own, so he's proactive when it comes to investing in efficiencies.

"I test every paddock on the farm and apply the base fert required for each paddock. From there it's just about maintaining the soil nutrient levels to ensure sustained growth through the season."

When it comes to effluent management, Dave was already set up with a concrete lined effluent pond with electric stirrer, and he'd pump out to travelling irrigators.

The benefit of a tanker

He's very careful with his fertiliser spend, and with the rising cost of synthetic fertiliser and the need to spread effluent over the entire farm, Dave could see the benefit of investing in a slurry tanker.

"I was originally looking at the 8,000L, but then the **Nevada 10,000L Single Axle Slurry Tanker** became available. Moving to the next size up would mean every 4th load is free, and the new 115HP tractor could handle it, so it was more efficient to go for the bigger size."

Now Dave's looking forward to spreading those free nutrients over the entire farm and cutting back on the synthetics!

Dave's looking forward to spreading those free nutrients over the entire farm and cutting back on the synthetics!



Alan's Farm Is Now Odour Free

Alan's keeping everyone happy with his improved effluent management...

A need to spread further

Alan and Connie Bull have two dairy farms in the Kaiaua area, milking approximately 300 cows...

Alan's always been an advocate for utilising effluent for fertilisation, and he already had a small electric pumping system with irrigator set up to spread over the close paddocks. The problem Alan wanted to solve was being able to spread over all the paddocks without it taking up too much time and labour.

The solution...

"The pumping system Alan has set up works well for those closer paddocks, but with having two farms the best solution is to have a slurry tanker that can cart the effluent wherever it's needed. The auto-fill option makes the job a lot faster, easier and less messy, and the tanker's something anyone can operate as long as they can drive a tractor."

The Nevada 8,200L Single Axle Slurry Tanker is ideal for the farm's hilly terrain, and as an added bonus, the new tanker has solved some other issues too...

"It makes a quick job of spreading to the other paddocks we weren't reaching before, but the thing I've really noticed is how little wind drift or smell there is. Now we can keep everyone happy!"



"With having two farms the best solution is to have a slurry tanker that can cart the effluent wherever it's needed."



Nathan's No Longer Worried About Resource Consent

Nathan Dobbs runs a 100ha dairy farm, with 300 cows in Te Aroha.

In need of an update

The farm's previous system was inadequate for what they needed, it wasn't getting the job done, and the farm was at risk of breaching their resource consent if they continued as they were. So when a Nevada flyer arrived in the mail, Nathan decided to make an enquiry.

A Tanker was ideal

A Nevada slurry tanker looked like the ideal solution, and Nevada were able to put together a good deal, so Nathan was more than happy to press the go button.

"The big thing is we can spread effluent over the whole farm and that is priceless."

Since getting the **Nevada 8,000L Single Axle Slurry Tanker**, Nathan is no longer worried about breaching their resource

consent. The new tanker allows them to spread where and when they want, and it's fast and easy. The spreading action of the RainWave™ means the ground is able to soak up the nutrients from the slurry, and they are not getting any ponding or run-off.

"Effluent is worth big money if you can use it to grow grass where you need it. The Nevada tanker has been a great investment."



"Effluent is worth big money if you can use it to grow grass where you need it."





TANDEM AXLE

Working a Slurry Tanker on Rolling Hills

Based in Dorriggo, NSW, Scott runs 200 Jersey cows across 215ha of rolling hills and pasture. His Nevada tanker has become his prized purchase, reducing his fertiliser cost by around 30-40%.

Creating silage

On Dorriggo Plateau there has been an unusual amount of rain this year, 68 inches (1,727mm) so far, so Scott takes every chance he can to feed the new growth of silage. His cows are fed mainly on grass and then silage for four or five months of the year. Right now, it is a change season when he'll switch from kikuyu to rye grass and oats, so he'll follow up the planting with slurry to get the nutrients back into the soil and give his new growth a kick-start.

Working on sloped ground

And even though there has been more rain than usual, once the sun comes out, his 10,000 litre slurry tanker has not had any issues with the rolling hills his farm sits on. Even though it is carrying 15 tonnes of effluent, he has not seen any damage to his paddocks or tracks. The softer ground did make it more difficult to get to the steeper parts of the paddocks until he learned to start spreading on the flat first and then move up the slope as the tank got lighter. What he really likes is that he can reach his whole farm without any worries. The RainWave™ applicator deposits heavy droplets onto the soil, so there is virtually no run off and minimal wind drift.

Better coverage

Before he got the tanker, he had a traveller with 600 metres of mainline, which limited coverage to just 15% of the farm. It was messy and there were always blockages. With the tanker, he is now covering 70% of his farm and he reckons he has reduced his fertiliser cost by 30 to 40 per cent.

Plus, his old system could only be used on rectangular shaped paddocks, which wasn't a great fit for the topography of his farm. With the Nevada tanker, he can reach even the odd-shaped paddocks.

Scott came to Nevada because the standard machine had everything on it he wanted. The auto-fill feature and the fact that all four wheels are braked, sealed the deal. It was exactly what he needed for the rolling hills on his farm.

The Nevada auto-fill arm feature stood out for him. With the eight-inch suction, it takes him just three minutes to fill the tanker. He doesn't have to get out the cab, no mess, no problems, he just fills up, switches on a podcast and starts spreading.

The purchase process was easy too. Scott was worried that getting a machine from NZ would be a bit of a drama, but all it took was one phone call and eight weeks later it rocked up to his farm.

Advice, "Just get into it."

Scott thinks getting a Nevada tanker has been one of the best decisions he has ever made for his farm. It is not just the cost savings he's made, it's also simple and easy to use, as well as being fast and efficient. "I've had my wife and my teenage daughters use the machine, and they love it."



[▶ Watch Video Online](#)



AT-A-GLANCE

Scott Connell

REGION

Dorrigo, NSW,
Australia



FARM SIZE

531 acres
(215ha)



CONTOUR

Rolling to steep



COWS

200 Jersey



INPUTS

Grass & silage for
4-5mths/yr



EFFLUENT STORAGE

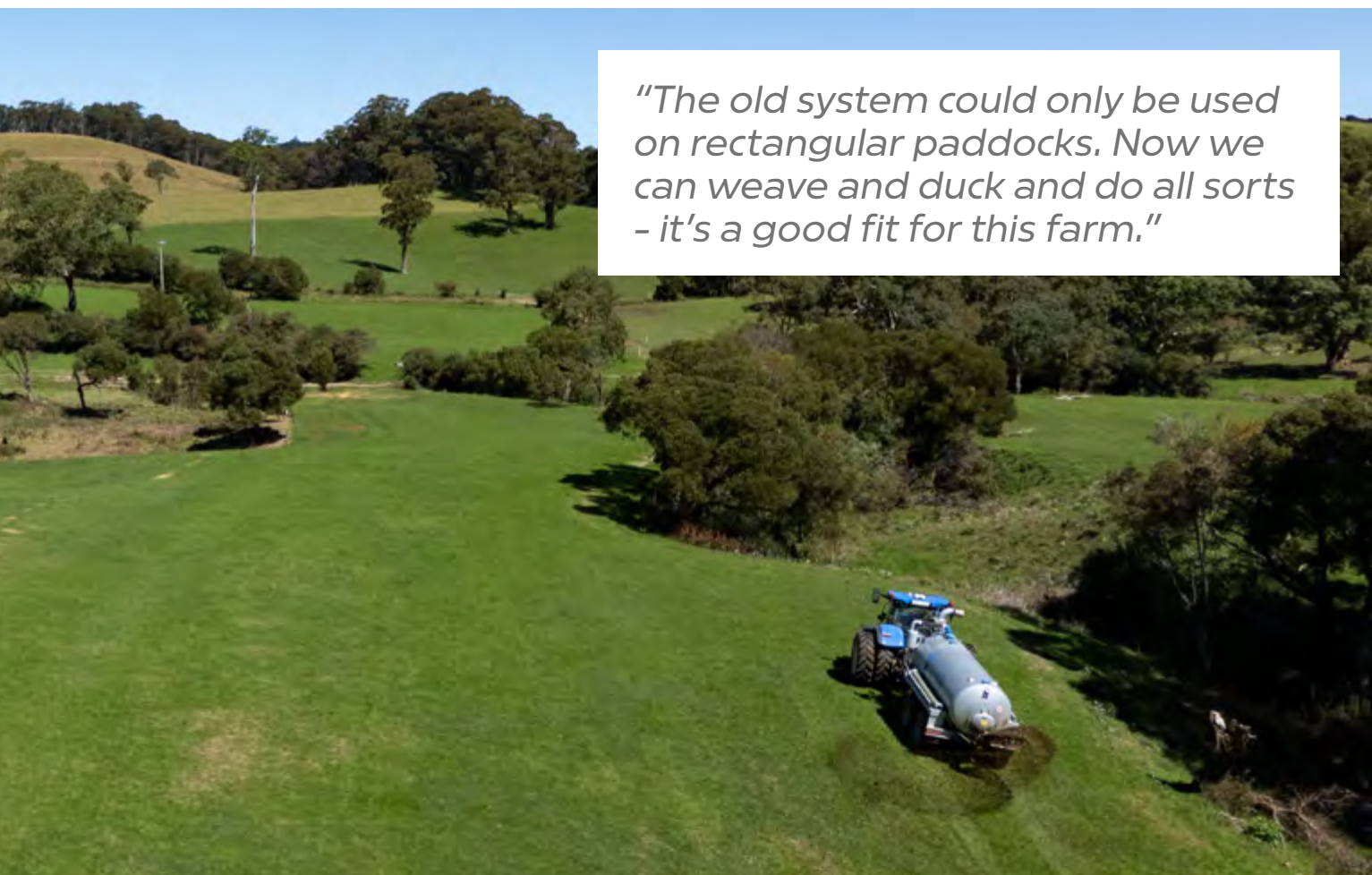
200,000L
Clay lined pond



PRODUCTS

- Nevada 10,000L
Tandem Slurry Tanker

Figures are approximate only.



"The old system could only be used on rectangular paddocks. Now we can weave and duck and do all sorts - it's a good fit for this farm."



Liz saved \$20,000 in fert

Based twenty minutes outside of Rotorua in Hamurana, Liz Hodgson runs 240 friesland cows on 136ha that supply Open Country Dairy and the family business Volcanic Creamery.

Liz alongside her son Hamish provide cafes and stores around the Bay of Plenty with premium milk and yoghurt. "We started this business here as a value add for our farm and to give us a bit more control over the product we are selling," Hamish said, "taste is another thing altogether. It's unreal, it's amazing, we have so many loyal customers that swear by our milk and that's really what makes it all worth it." With a product that is better for the environment with sustainable packaging, the family business was looking to upgrade to better quality dairy equipment to match the growing need for efficient systems on the farm.

More efficiency

Before upgrading to Nevada, Liz was worried about the effluent system in place. "When I had the old system, I was always worried that an inspector would turn up or something wasn't quite right. It was really hard to not get runoff with the old spreading system. The tanker is just a game changer. There is no stress, you spread it when the conditions are right. You get all over the farm, and no stress," Liz said.

Environmental regulations were increasing and due to living in a high rainfall area, equipment failure and runoff were a major concern. "I had a stationery rain

gun, which was suitable for the contour, good for getting on hillsides, but just not that efficient and a constant worry that something had gone wrong with it," Liz said. Alongside the stationery rain gun, Liz previously was using a basic pond stirrer that operated in the middle of the pond that was difficult to access. Liz noted, "There was probably a metre of sediment that sat at the bottom of the pond, which was impacting the capacity of the pond."

Liz decided to invest in more efficiency and less mess by upgrading to a Nevada electric shore mounted stirrer. With simple install and easy maintenance, the stirrer is now able to keep sediment from building up on the bottom of the pond. "Several features with the stirrer really appealed to me. The fact that the electric stirrer is shore mounted, but you can literally alter the angle of it and the depth into the pond with one hand on a pulley system," Liz said.



"I haven't actually bought any fertiliser in for a year now, and I honestly don't think I will be,"



Better coverage

While initially Liz was looking to just upgrade to an electric pond stirrer, it was the pamphlet left on the table that helped her notice how much value a slurry tanker could bring to the farm. With the previous effluent management system, Liz was only able to spread effluent around the 40ha near the cow shed. By upgrading to Nevada, she is now able to spread effluent to 90% of the farm.

The pasture looks healthier and greener with the utilisation of effluent that was already available on the farm, which saves the farm over \$20,000 in costs for fertiliser a year.

No runoff

"Prior to putting in the Nevada stirrer and effluent tanker, it was just an absolute nightmare on a daily basis," Liz remarked. When it came to making the decision about the tanker, Liz chose the Nevada 12,800L Single Axle Slurry Tanker. "The RainWave™ at the back is awesome, even spreading, good droplet size, no runoff," Liz said.

The main appealing feature of the slurry tanker is the minimal load time with three minutes to load nearly 13,000 litres and three minutes to empty. "It doesn't get much better than that," Liz noted. Drive up to the filling station, drop the auto-fill arm and fill up all from the tractor seat.

Easy to use

Liz's main concern before upgrading was about operating the tanker on her own, but Nevada's slurry tanker makes the process is easy. "I'm not a tractor person by choice, but if I can use it, anybody can use it. It's super easy," Liz said.



Hamish says their milk is the best A2 milk in New Zealand and with the help of an electric stirrer and slurry tanker that has eased daily effluent management processes, the family can focus on delivering great products to customers around the Bay of Plenty. "If anybody is looking at a new stirrer or a tanker, Nevada's been great. They are great. The product is exceptionally well made and very easy to use. And the backup from the team at Nevada is great," Liz said.

As Liz points out, "It's been an absolute game changer. Just removed all the stress from the effluent system."



ON FARM
BAY OF PLENTY

AT-A-GLANCE

Liz Hodgson

REGION
Bay of Plenty



FARM SIZE
136ha



CONTOUR
Undulating



COWS
240



INPUTS
System 5
& grass silage



EFFLUENT STORAGE
3,000,000L
HDPE lined pond



PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker
- Nevada ELZ915 Electric Stirrer

Figures are approximate only.



Watch Video Online

Effluent Management Made Easy

Nestled in the heart of the Waikato, near Otorohanga in the Otewa region, lies a thriving family-run dairy farm spanning 222ha. Home to 480 cows, managed through a 36-bale rotary cowshed with a split calving season in spring and autumn.

Fabian along with his wife Kylie and kids run a system 3 to 4 with maize, grass silage and DDG all year round along with Lucerne that is grown on farm.

Kylie looks after all the milking and manages AI for calving while Fabian looks after the effluent management system that previously was a messy hassle of a task. Before switching to Nevada, the dairy effluent management system consisted of an old truck pump and an electric pump that ran to stationary or travelling cannons. The cannons were slow and time consuming to put into place. "It was an absolute nightmare as far as weather was concerned trying to get it out in time," Fabian said. Spray drift was also a great challenge, which prompted a call from the neighbour asking for him to turn off the cannons due to the smell. In a need to finish the job, he offered the neighbour \$100 for them to go out to dinner.

A present from Santa

With compliance changes and the need for more capacity, Fabian decided to implement a 20 million litre pond with a weeping wall system and concrete tank. After not doing anything with the pond for two years, Fabian figured, "I would get myself a Christmas present and I told my wife I wanted a Nevada tanker."

Fabian received a **Nevada 12,800L Tandem Slurry Tanker** that year for Christmas that could be filled via the concrete tank next to the weeping wall, which is gravity fed from the lined pond at the top of the hill. Fabian noted, "I've owned a Nevada tanker for 5 years now. It's really low maintenance." Only minor upkeep is needed and the RainWave™ attachment releases larger droplets that provide less wind drift. "I'll drive around my house, my tenant's house, I don't have any issue and I haven't had a complaint," Fabian said. Even the others in the district noticed the spread pattern from a Nevada tanker was nicer than their tankers from other companies.

When asked why he chose a Nevada tanker, Fabian noted his father worked for a galvanising company in Australia years ago that informed the decision. His father said, "anything galvanised lasts." The silver bullet of a tanker also offers an 8inch auto-fill arm function, which allows Fabian to stay in the tractor instead of managing messy irrigators.



Faster grass recovery

An additional benefit of the tanker is the ability to utilise the nutrients from effluent directly, instead of applying artificial nitrogen. With more reach to crop paddocks further away, Fabian has noticed the benefits in the maize and grass growth. "We had four years of drought in a row, some really hard summers, feeding constantly, so twice a day feeding," Fabian said. To help with the drought, he would often spread effluent with the Nevada Slurry Tanker until two or three in the morning. "Some might say I was crazy, but we recovered a lot faster as soon as we got five millimetres of rain or anything like that. Our grass jumped out of the ground."

70% better coverage

Fabian is able to access 70% more of the farm with greater capacity to grow grass and increased days in milk. "I recommend Nevada slurry tankers to anyone," Fabian said. It only takes three minutes to load and three minutes to unload, with the majority of the time spent travelling across paddocks. "I'm comfortable taking the tanker everywhere that I can get," he said.

When asked what he thought of the Nevada Slurry Tanker, Fabian responded, "The Nevada tanker was number one for me, love it."



"I'm comfortable taking the tanker everywhere that I can get"



AT-A-GLANCE

Fabian Pereira

REGION

Waikato



FARM SIZE

222ha



CONTOUR

Flat to rolling with hilly back country



COWS

480



INPUTS

System 3-4, Maize and Grass Silage aswell as DDG and lucerne



EFFLUENT STORAGE

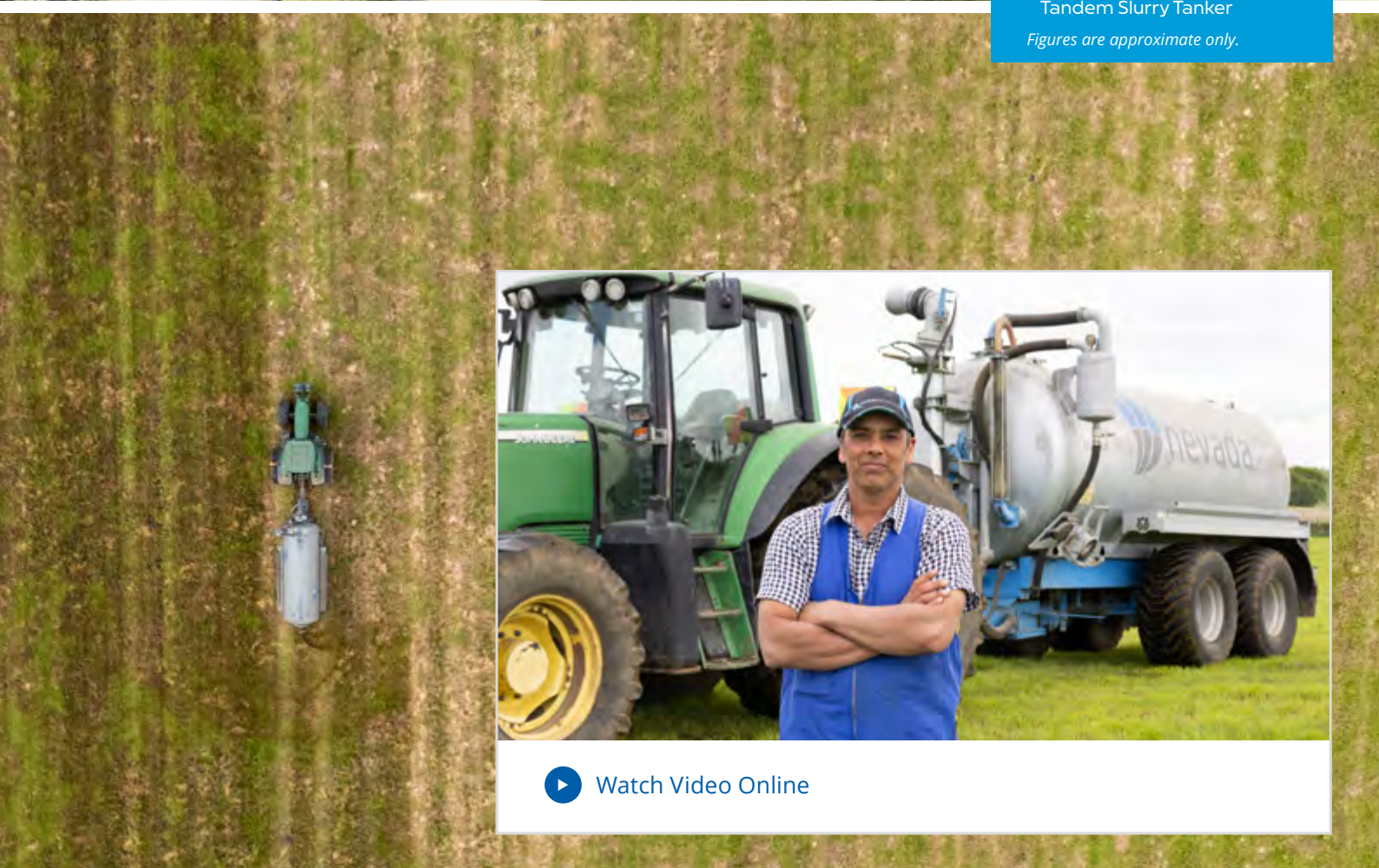
20, 000, 000L HDPE Lined Pond, with a weeping wall System and concrete tank.



PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker

Figures are approximate only.



Watch Video Online

An Easy Decision

In the deep south of New Zealand just a short way away from Gore, Ben and his daughter Mackenzie farm 135ha with 380 cows in Riversdale.

With a farm that is flat to easy rolling contour, they supply Fonterra and now operate with a **Nevada 12,800L Tandem Slurry Tanker**, and **Nevada TurboStir™ 6000**.

Prior to buying the Nevada Slurry Tanker, Ben and Mackenzie were using a hard hose cannon with an electric pond to irrigator pump. The irrigation system worked initially for their farm, but it was limited and only able to reach 70ha. Taking the approach of a hard hose took eight hours of labour to cover a 400 metre section that covered 120 cubic metres. By upgrading to Nevada, Ben says, "The cost analysis is looking great." They can now deliver 300 cubic metres in the same amount of time, nearly tripling their capability.

The best upgrade

Their previous effluent management system was only able to suck liquids from the pond, which left valuable nutrients in the solids behind. The shift to Nevada equipment saves them time, as well as delivers valuable nutrients across to further paddocks they could not reach before.

Mackenzie said, "Mum's not complaining about stinking all her washing and clothes and having whites that aren't exactly white anymore from filthy overalls."

The process to set up the new system was fast and effective. With the product conveniently already in stock, Ben and Mackenzie were quickly set up with a Nevada 12,800L Tandem Slurry Tanker. The simplicity of operation with three hydraulic spools double acting on the tractor, one brake line, a fast 8in auto-fill arm, and no electronics, the slurry tanker is paired perfectly with a **Nevada RainWave™** to dispense effluent across a 12 metre spread.

Better use of effluent

Their choice for a Nevada TurboStir™ 6000 is now able to mix the pond for better consistency of spread, ensuring nutrients are evenly distributed across the farm with minimal loss. With cows being fed on crop, baleage, and straw, the increase in yields benefit every aspect of their operations. Even after a few heavy days of rain, the slurry tanker can handle the terrain with ease without damaging the paddocks. "Having to just plug-in the hydraulic hoses in the back and running it off the joystick was a game changer for us," Mackenzie said.

The benefits to their effluent management system were seen immediately with the increase in access to anywhere on the farm. They are no longer limited to where the initial irrigation lines were set up. Ben and Mackenzie are now able to manage three loads in a day with the Nevada Slurry Tanker that benefits nutrient value and saves them time.

Highly recommended

"We would definitely recommend Nevada to anyone if they were looking to upgrade their system. They have been absolutely fantastic to deal with and love their products," said Ben.

"Investing in the Nevada Tanker was a big win for us," Mackenzie remarked,

"You could customise your effluent system through Nevada to work perfectly for the farm or conditions you're in, so 100% I would recommend it."

At the end of the day, Ben and Mackenzie can throw their washing in much cleaner than before with Nevada not only changing their workload, but making the day easier for the whole family.



[Watch Video Online](#)





"Having to just plug-in the hydraulic hoses in the back and running it off the joystick was a game changer for us"



Out With the Old, in With the New



Brian and Ross Williams are a father and son team situated in South Taranaki where they operate on 130ha with 400 cows on flat to rolling land. When consent was up, they looked for a local and trustworthy company that could help them run their dairy farm with efficiency.

Meeting compliance

The farm previously relied on a system that was put in place 30 years ago with the cow shed being located 500 meters away [from the effluent pond]. Occasionally Brian and Ross would call in a local contractor who would suck the ponds out for them in order to spread the effluent onto the paddocks. When their compliance was up, they knew it would be a larger expense to connect power down to the ponds for a traveling irrigator system that met compliance.

Instead of opting for a higher expense and more complex installation, Brian and Ross called Nevada to find the right system for the job. They opted to utilise their 112-horsepower tractor to pull a Nevada 12,800L Tandem Slurry Tanker that does an average two to three loads a day or a full day a fortnight.

Utilising a Nevada slurry tanker system helped them cut costs and share the responsibility of spreading effluent evenly to all paddocks. Brian noted that,

“We chose Nevada cause they are local and I like supporting local businesses. I’ve certainly read enough about the equipment and seen enough of their tankers throughout the country to know that they’re good.”

More coverage

They found a slurry tanker was easy to operate and could manage spreading effluent across 90% of the paddocks with a good natural fertiliser that comes directly from the cows on their farm. Instead of applying effluent in the same place every time, a Nevada tanker system helps them reach poor paddocks and spread effluent evenly.



"I've certainly read enough about the equipment and seen enough of their [Nevada] tankers throughout the country to know that they're good."

AT-A-GLANCE

Brian & Ross Williams

REGION

South Taranaki



FARM SIZE

130ha



CONTOUR

Flat to rolling



COWS

400



INPUTS

System 4



EFFLUENT STORAGE

1,000,000L
Clay lined



PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker
- Nevada TurboStir™ 6000

Figures are approximate only.

With no challenges setting up the system, they have owned a Nevada 12,800L Tandem Slurry Tanker and a Nevada TurboStir 6000 PTO Pond Stirrer since early 2023. They enjoy the assurance of Nevada's team only being a phone call away to help with any issues they may have.

More efficiency

Both Brian and Ross would recommend Nevada to other farmers who are looking to put in a reliable and efficient effluent system that makes it easy to meet compliance. In Brian's words, "This 12,800 litre Nevada slurry tanker does the job."



Watch Video Online



Less Hassle Than an Irrigator

Down on the coast of Waverley, Alan Coburn is making significant strides in his operations across 180ha. With a 380 cow dairy farm, Alan runs a 70% split calf in Autumn and 30% in Spring with two full-time staff.

Previously, Alan's effluent management operated on a straight pump to paddock system with an irrigator that needed to be moved twice a day due to the lack of storage facility available. Whether the southerly was blowing or the rain was pouring down, Alan and his staff were out working to move the irrigator twice a day and checking on the pump to ensure it was working properly.

Modern solution

The biggest concern for him in modernising operations was how to place a pond and keep the embankment secure without issues of erosion over time. When Alan contacted Nevada, all those concerns were flipped into positive solutions.

Nevada was able to deliver a complete package that included design of the whole system, the supply of equipment, and full installation. As soon as the design was finalised, a digging crew was sent out.

The best tools

Within a week the 1.3million litre pond was dug out and fully lined with a **HDPE pond liner**. In that time, Alan and his staff were able to focus on what they do best without any concern around the management or installation of the project. To further streamline operations, Alan opted for a 9m Nevada Electric Stirrer with **Progressive Cavity (PC) Pump** for the main pond and a **submersible stirrer** with a **submersible transfer pump** for the sump.

You're in the driving seat

To spread effluent further down the farm, Alan decided on a **Nevada 12,800L Tandem Slurry Tanker**. Instead of having to get out in the rain to move an irrigator around, he is able to comfortably operate the tanker from his cab. In the middle of summer he is able to empty the whole pond and spread it across the paddocks efficiently. In his words, "it's a bloody good machine really" and even gives Alan time to get home for a beer.



[▶ Watch Video Online](#)



"Our biggest benefits would be spreading the effluent further around the farm at a very reasonable cost structure."



AT-A-GLANCE

Alan Coburn

REGION
South Taranaki



FARM SIZE
180ha



CONTOUR
Fairly flat, the odd contour & hills



COWS
380



INPUTS
System 5, maize, grass silage & PKE & molasses



EFFLUENT STORAGE
1,300,000L
HDPE lined



PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker
- HDPE Pond Liner
- Nevada ELZ9 Electric Stirrer
- PC Pump 2690
- Submersible 1.5kW Pump
- Submersible Stirrer 2.2kW
- Mainline & Hydrants

Figures are approximate only.





Setting up an Effluent Contracting Business

The timing was perfect when Lars Smith took the leap into his own agricultural contracting business specialising in effluent spreading. Having spent a good 7 years working for a well-established agricultural contractor he could see the need for specialty effluent spreading services around Northland, and he was ready to go out on his own, so when the opportunity to purchase an existing business came up, he took it!

'Everything fell into place at once. I was ready to move on from my current ag contracting job and into my own thing. While over some beers with mates the opportunity arose to purchase an existing business as the current owner was wanting to slow down and retire. So LJS Contracting Limited was born.' said Lars Smith.

Delivering compliance needs

It turned out to be a great move, with LJS Contracting being in high demand throughout Northland, covering areas from Whangarei to Kaitia. Lars has focused the business solely on dairy effluent spreading, enabling him to offer a service where clients not only get the job done well and on time, but that they're compliant with the ever-tightening council restrictions.

'Some of the biggest challenges with effluent spreading are keeping up with the ever-increasing restrictions, keeping ahead of the wet weather and getting to all your clients on time.'

More speed, more capacity

When Lars first bought the business, he inherited two **8,000L Nevada Single Axle Slurry Tankers**, but with the growing need for effluent spreading he purchased a **second-hand Nevada 10,000L Tandem Slurry Tanker with auto-fill**, which increased his capacity and speed in getting the job done.

After only 3 months of getting the 10,000L slurry tanker he quickly decided it was time to purchase a second auto-fill slurry tanker, but bigger. So, he bought a new **Nevada 12,800L Tandem Slurry Tanker**.

Automatic success

Now with two auto-filling slurry tankers and a PTO stirrer, no job is too big or too small for LJS Contracting Limited – check out some of their work here. Happily taking on more and more clients, and with their services in such high demand we wouldn't be surprised to see the business upgrading again in the near future!





AT-A-GLANCE

LJS Contracting

REGION
Northland



FARM SIZE
Any farm size



CONTOUR
Various



PRODUCTS

- Nevada 10,000L Tandem Slurry Tanker
- Nevada 12,800L Tandem Slurry Tanker

Figures are approximate only.



'I like how well Nevada tankers are built, their availability, and good backup service.'

Dennis' Advice to Avoid Costly Mistakes

Dennis couldn't be happier with his effluent management system... but he's made some costly mistakes getting to this point...

Any dairy farmer visiting Dennis Morgan's 146Ha, 350 cow dairy farm in Mangatainoka would be impressed.

At the end of the barn sits a large 1.8 million litre sump with a **Nevada 7m Electric Stirrer**, and the main pond (of approximately 42x50m) is stirred with a **Nevada 9m Electric Stirrer**. Once thoroughly stirred, Dennis uses his **Nevada 10,000L Tandem Slurry Tanker** to spread over the whole farm.

Costly mistakes

However Dennis' effluent management system hasn't always functioned so smoothly, and he's learnt some lessons along the way...

'I have done some things right eventually... there's been some very costly mistakes. It's best to get specialist help.'

Without having a stirrer, the large sump at the end of the barn had become problematic as the thick slurry was difficult to deal with.

'Before we got the stirrer, this was so hard. Real thick. You could walk on it.'

Getting it right

Now Dennis has his Nevada slurry tanker, the sump is only used for storage.

'With the tanker I can spread 3ha at 7 loads per day. We've got 70ha under the sprinkler, but it took 4-5 days per paddock. Don't use it now - the tanker is so much more flexible and convenient. The good thing about it is there's an 8" suction line. It can fill fast - doesn't take too long.'

Before installing the two Nevada electric stirrers, Dennis had a solids separation system.

'It [solids separator] was supposed to deliver pretty clean water, but it's never worked. I should have put this stirrer in 8 years ago when I put the pond in, and I wouldn't have had the headaches of that separation thing. You win every time with a system like this.'

Simple set-up

With a lot on his plate, Dennis enjoys the simplicity and convenience of his new set up. The electric stirrers with Typhoon™ propellers make quick work of thick slurry, and require less time and effort to get the job done.

Those big islands there [on the effluent pond] are just simply drawn in and mixed up. I just start it not long before I tanker it out. It certainly doesn't take long to mix this one up - and she's a big pond.'

Spread with ease

Having a slurry tanker has meant Dennis can spread when and where he wants, so he's got more control to make sure the nutrients are going where they're most needed.

'Oh she grows grass...ohhh yes! I just follow the cows now.'





AT-A-GLANCE

Dennis Morgan

REGION

Tararua



FARM SIZE

146ha



CONTOUR

Fairly flat, the odd contour & hills



COWS

350



INPUTS

Maize, DDG, silage



EFFLUENT STORAGE

1,800,000L
Concrete sump
5,000,000L
HDPE lined pond



PRODUCTS

- Nevada 10,000L Tandem Slurry Tanker
- Nevada EL9 Electric Stirrer
- Nevada EL7 Electric Stirrer

Figures are approximate only.



"You can get rid of that separator for me now - it's an eyesore. The system you'd got me is so much easier."

Gavin's Workers Love the New 14,700L Slurry Tanker

Out in the remote Galatea area in the Bay of Plenty is where you'll find Gavin Iles unique 800 cow dairy farm. Spread over relatively flat paddocks of volcanic soil, the land is ideal for farming.

Gavin has it nicely set up with a cow shed, feedpad and pond to capture all those effluent nutrients...there was just one issue...

'I wanted to be able to spread over more of the farm. I also grow maize, and effluent is great under a maize paddock.'

Gavin's son-in-law, Wayne, has a contracting business with a **Nevada 14,700L Tandem Slurry Tanker**, so he would borrow the slurry tanker when he could for spreading further than the pumping system allowed. The slurry tanker worked so well, Gavin decided he wanted his own to be able to use when and where he wanted. As a bonus, it also worked well to suck up the thicker feedpad effluent that didn't always make it into the pond.

So easy

'The slurry tanker just made it so easy. I can pull right up to the feedpad after the cows leave and suck everything up. It keeps everything much cleaner, and I can spread to the maize crops and parts of the farm that weren't getting irrigated before.'


More efficient

Originally Gavin had been planning on an 8,000 or 10,000L slurry tanker, but after using Wayne's 14,700L and seeing how easy it was to manoeuvre, he decided a 14,700L would be more efficient for his operations.

Cover the entire farm

'The ability to spread over the entire farm was the big incentive to get the slurry tanker. The 14,700L was so easy to use, and with the new 160 horsepower tractor it made sense to get the bigger size to spread further with less loads.'

Gavin still uses his stirrer and pump for the nearby paddocks, but the slurry tanker has proven its value in not just making use of the nutrients over the entire farm, but easily handling those thicker slurries from the feedpad.



'The workers love it, they're happy to do it all day long. It doesn't damage the paddocks, is easy to tow, and hasn't given us any trouble.'

AT-A-GLANCE

Gavin Iles

REGION
Bay of Plenty



FARM SIZE
310ha



CONTOUR
Fairly flat



COWS
800



INPUTS
Maize



EFFLUENT STORAGE
4,000,000L
HDPE lined pond



PRODUCTS

- Nevada 14,700L Tandem Slurry Tanker
- HDPE Pond Liner
- Nevada EL9 Electric Stirrer
- PC Pump 2690
- Mainline & Hydrants

Figures are approximate only.



Watch Video Online



John & Lisa Empty their Pond in Half the Time

John and Lisa found the perfect sized Slurry Tanker and saved time in the process.

John and Lisa Mills lease their family farm off John's semi-retired parents. Because their land is situated on two sides of the road, they've always had a tanker. Their old tanker was another brand 7,000L tanker. They found it too small and it took too long to empty the pond.

Being a family farm with no staff they needed a tanker that the whole family could use comfortably. Their main considerations were:

No heavy lifting

John and Lisa have a young family but once the children are at school and Lisa has a bit more time on her hands, they hope to have Lisa drive the tanker and spread the effluent. This is possible because there are no heavy hoses to lift. The Ezi-Fill arm means Lisa can pump the pond and fill the tractor from the tractor seat.

Johns parents work on the farm, even though they're meant to be semi-retired. Using a Nevada 12,800L Tandem Slurry Tanker with Ezi-Fill means no heavy lifting is required.

Save time for the more important things

Because of the large size of the tanker they don't have to do as many trips. Upgrading from a 7,000 to a 12,800 has split the usual loading time in half.

Easy on pasture

The 12,800's tandem axle and the big tyres don't compress the ground any more. Its actually less than his previous 7,000L tanker.

AT-A-GLANCE

John and Lisa Mills

REGION
Manawatu



FARM SIZE
82ha



CONTOUR
Flat



COWS
235



INPUTS
Grass, hay and silage



EFFLUENT STORAGE
3 holding ponds
HDPE Lined



PRODUCTS

• Nevada 12,800L
Tandem Slurry Tanker

Figures are approximate only.

"It would've halved our time that it usually takes to empty our pond."

Josh Increased his on Farm Efficiency

With the rising cost of fertiliser, Josh needed a solution that was drought resistant, with enough retention for winter months.

Located in Taranaki, Josh Corrigan runs a 140ha farm with 360 cows on grass, silage, and hay. With an irrigation system in place for 55ha, Josh found they were missing out on utilising 120ha of the farm without an effluent management system that could reach further. In addition to contract jobs, he needed a solution that could add efficiency and reach to the workload.

Solution one

One of the solutions Josh initially looked at was a slurry tanker. The rising prices of fertiliser was a factor in his decision making, as well as the need to bring valuable nutrients of nitrogen and potassium to the paddocks for soil conditioning. He needed a solution that was drought resistant and could provide a facility for transporting organic matter with enough retention for the winter periods.

When comparing other effluent management systems, Josh looked for higher quality products which led him to choose Nevada 16,000L Tandem Axle

Slurry Tanker and TurboStir™ 6000 PTO Pond Stirrer. "Obviously the 8-inch fill was a big draw card," Josh said. The one steering axle with large dual wheels gives the slurry tanker balanced weight across all four wheels, enabling it to reach further paddocks without concern. With the need to reduce carting time and have enough space for bigger contract jobs, Josh wanted a long-term solution for the workload. "If we are going to contract out, we have to be efficient," Josh noted, "we have to make sure we are fast and as efficient as possible."

Solution two

Josh decided to pair the slurry tanker with a PTO pond stirrer for the flexibility to take it to contract jobs as well as the higher quality materials that make a Nevada pond stirrer last. "You can save yourself a few dollars at the start and buy something cheaper or maybe not the top model, but you will come to regret it in the long run when it takes you twice as long to do it," Josh remarked.

"Obviously the 8-inch [auto] fill was a big draw card"

AT-A-GLANCE

Josh Corrigan

REGION
Taranaki



FARM SIZE
140ha



CONTOUR
Flat to rolling



COWS
360



INPUTS
System 3, PKE, maize & grass silage



EFFLUENT STORAGE
1,000,000L
Clay lined pond



PRODUCTS

- Nevada 12,800L Tandem Slurry Tanker
- TurboStir™ 6000 PTO Pond Stirrer

Figures are approximate only.

Added benefits of Nevada

The added benefits of utilising Nevada equipment as a solution was the ability to have liquid and fertiliser application more frequently. Previously, it would have been a task only done twice a year, but now the farm is able to add moisture and fertiliser to each paddock more often to create higher quality yields and dark green paddocks. "You either pay for it outright or you end up utilising what you already have," Josh said.

Despite manufacturing delays at the time of receiving the slurry tanker, Nevada delivered prompt service and kept Josh in the loop on the process. Once the equipment arrived it was a quick set up and Nevada continued to be available for any questions Josh had.

"There is work involved with a tanker," Josh said, "you've got to get in there and do it." With a slurry tanker and PTO pond stirrer, Josh can utilise more of the 140ha of farmland and spread effluent more efficiently for better yields and additional contract jobs. "The 16,000 litre was a far better option we haven't come to regret."



Emily's Secret to a Thriving Dairy Farm

Meet Emily Steiner, a dairy farmer from Edgecumbe in the Bay of Plenty. Emily operates a high-input farm that requires year-round milk production, resulting in a lot of slurry. However, managing the farm's effluent was a constant challenge for Emily and her team.

Traditional methods didn't work for Emily

Years ago, they used traditional irrigation methods, but these had issues. They required constant monitoring, had uneven application, could only be used in one part of the farm, and posed a risk of contaminating waterways. Faced with these challenges, Emily decided to invest in a Nevada 14,700L Tandem Slurry Tanker.

"We've got a lot of canals and drains to watch out for. The tanker lets us spread when and where we want without risking getting into waterways."

The game changer

The slurry tanker has proven to be a game-changer for Emily's farm. It allows her and her staff to spread the slurry all over the farm with ease and control the application, avoiding contamination of waterways. The tanker quickly became an essential tool for the farm, and over the years, it has been used more and more.

"It gets used so much we just decided it was time to upgrade to a new one. The farm has grown a lot over the past 10 years, so the tanker is getting used more and more. We've saved a lot on fertilisers!"

Saving time and money

Not only has the slurry tanker made managing the effluent easier, but it has also saved Emily a lot of money on fertilisers over the years. Furthermore, as Emily has acquired neighbouring farms, the tanker has allowed her to expand without having to invest in additional infrastructure.

Emily's investment in the slurry tanker has been a resounding success, transforming the way she manages her farm's effluent and allowing her to grow her operation with ease. With her innovative approach and determination, Emily is a true inspiration for other farmers looking to improve their operations.

"The slurry tanker just makes it so easy. All the staff can use it, and we just take it wherever it needs to go. Simple!"



Andy's Spreading More Effectively with His Tandem Axle

Andy's spreading more effectively with his tandem axle.

Andy Roberts needed some advice on his saucer and effluent pond, and was looking to upgrade his slurry tanker when he first came across Nevada. Lloyd made a visit to the farm in Burnham, South Canterbury to see what he could do to help...

Andy's a farmer who values his effluent nutrients. The dairy farm was set up with a saucer collecting effluent from the milking shed which could be pumped out to a travelling irrigator. Excess effluent would pump into a concrete lined pond, and he would use his 10,000L Joskin slurry tanker to spread over paddocks further away.

"We wanted to upgrade for quicker spreading, a larger capacity, and we wanted a tandem axle."

Go bigger

He was looking for something bigger so he could cart and spread more. The **Nevada 14,000L Tandem Slurry Tanker** was a nice size upgrade, and one his tractor could easily handle. He also liked the idea of moving from a single axle to a tandem axle, making it easier to tow.

"The Nevada slurry tanker is much faster and the tandem axle is far superior. It's going very well."

"We wanted to upgrade for quicker spreading, a larger capacity, and we wanted a tandem axle."



Martin Contracting have Expanded their Services!

The Martin family own and operate a successful and quickly expanding agricultural business in Northland - Martin Contracting.

Expanding opportunities

Run by brothers Brad and Andrew, and their uncle Glen, they offer a large range of services including stack silage, baling, under sowing, re-grassing and solid fertiliser spreading. Brad saw the opportunity to add slurry spreading to the mix, and now with their **Nevada 10,000L Tandem Slurry Tanker**, they offer that too!

The Martin family are well aware of the needs of farmers. The family have their own farming operation where they had been using contractors. Having experienced the need for agricultural contractors first hand, they saw an opportunity and decided to start their own contracting business.

"There's a lot of demand for ag contractors in Northland, so when the opportunity came up to start our own business, we jumped at it." Brad Martin

High demand

Offering such a wide range of services, the team at Martin Contracting are in high demand and always on the go. Brad says one of the keys to their success is in being reliable.

"Farmers rely on our services to keep their farms operating, and part of getting repeat business is being reliable. We show up when we say we will, and we work hard to get the job done."

As the business has grown, so too have their services. With the recent edition of a Nevada MB100-4R 10,000L Slurry Tanker, they've now added slurry spreading and cleanouts to the mix.

A great investment

"We were getting a lot of enquiries about emptying bunkers of slatted floor barns as well as ponds and sumps, so a slurry tanker looked like the best option to be able to offer that service. We always look to invest in equipment that will be reliable, long lasting, and get the job done. We liked that the Nevada slurry tanker is fully galvanised, simple for any staff to use, and the auto-fill makes it efficient. The price was good too!"

"We liked that the Nevada slurry tanker is fully galvanised, simple for any staff to use, and the auto-fill makes it efficient. The price was good too!"

Bryce Invested in a Future-Proofed Effluent System

A future-proofed dairy effluent system.

Bryce Hunger is a dairy farmer, based in Inglewood, North Taranaki. He has 600 cows on his 197ha farm. His previous effluent system consisted of a small 50,000L tank that he would pump through to a travelling irrigator over approx. 30ha, combined with a high annual rainfall of 3-4metres per year, it was obvious to him that a new system was needed.

The research paid off

After a lengthy research period of around three years, and considering a variety of options including Pods and other hi-tec systems, Bryce decided that they were too labour-intensive for his farm, and wanted more flexibility without losing out on performance. He approached Nevada to help find a system that both suited his immediate needs, but also future-proofed his farm for expansion. His reasons for choosing Nevada were based on his knowledge of a trusted and tried-and-tested range of products and after-sales service.

A flexible solution

He opted for two products: a Nevada 14,700L Tandem Slurry Tanker and a Nevada 9m Electric Stirrer. The Slurry Tanker has given him the flexibility he needed - making the whole process less time consuming and offers him low application on all areas of his farm, enabling him to target specific paddocks easily and quickly.

The 9m Electric Stirrer makes pond mixing effortless, providing quick mixing, and on a timer to suit the farm routine. He has proved that stirring little and often keeps the effluent in suspension and decreased odor.

Spread further

Bryce can now spread across most of his farm, especially through the drier months where the pasture is wanting it most.

AT-A-GLANCE

Bryce Hunger

REGION
Taranaki



FARM SIZE
197ha



CONTOUR
Flat



COWS
600



INPUTS
System 4



EFFLUENT STORAGE
9,500,000L
Clay pond



PRODUCTS

- Nevada 14,700L Tandem Slurry Tanker
- Nevada EL925 Electric Stirrer

Figures are approximate only.



Watch Video Online



Malcolm Found the Perfect Match

Malcolm didn't need much convincing when it came to the purchase of his new 12,800L slurry tanker.

10,000L or 12,800L?

He'd done all his research online and knew what he wanted. All that was left was the toss up between a 10,000L or 12,800L.

Located in Cambridge, the dairy farm has a fair bit of undulating ground and is situated across two sides of the road. Malcolm was looking for a slurry tanker so he could spread further than the current system would allow.

New tractor, go bigger

Malcolm had just invested in a new 130hp tractor which was the perfect match for a Nevada 12,800L Tandem Slurry Tanker over undulating ground.

"It made sense to go with the bigger size [slurry tanker]. The tractor could handle it, and we can cart more."

Meant to be

Luckily for Malcolm Nevada had a 12,800L slurry tanker available in the yard. It was meant to be, so with that the deal was done!

The new slurry tanker and tractor are a match made in heaven and Malcolm is more than happy with his investments...

"The tractor pulls it easily. It's a very smooth ride with the suspension. I'm impressed with the simplicity and speed."



"With rising costs of fertilisers, we've really got to make the most of the effluent."



Brian & Ollie have Effluent Management Down Pat

Brian Tucker's farm in Wairarapa has it all – a dairy farm, piggery, roads, underpasses...and a solid effluent management system in place to keep it all ticking like clockwork...

Plenty of effluent

Having a dairy farm and piggery there's plenty of effluent on this farm, and Brian's grandson Ollie Healey has become an expert at managing it all.

On the dairy side, effluent from the cow shed is collected in a large, oddly shaped effluent pond which is kept regularly stirred with a Nevada electric stirrer. Being such a unusual shape, they also use a Nevada PTO stirrer to give the areas around the edge a good mix prior to pumping.

The piggery also has its own effluent storage pond with Nevada electric stirrer to keep it well mixed. Effluent from the piggery is more fibrous and well...smellier than dairy effluent, so along with regular stirring Brian and Ollie have started to add PondBugs™ to the mix to help introduce more good bacteria and keep the smell down.

Time to upgrade

Brian bought his first Nevada slurry tanker around 7 years ago, and they haven't looked back. In fact, with being so versatile they recently upgraded from a 14,700L to a 16,500L.

"While it doesn't sound like a big upgrade, every 7th load is a free load proving just how much further a slightly bigger tanker can go."

Controlled spread

Ollie is very precise with his spreading. They have Tracmap connected to the tractor, and the controlled spread of the RainWave™ applicator on the slurry tanker means he can input the width of the spread and the system shows him exactly where to spread.

Watching Ollie whip the new **Nevada 16,500L Triple Axle Slurry Tanker** around the farm it hasn't taken any time for him to get used to the increased size.



"It gives us proof of placement and means there's no areas being missed."



The Riddells Upgraded their Effluent System with a Slurry Tanker

How the riddells upgraded their effluent system.

Time for an upgrade

Richard and Sally-Ann Riddell decided to purchase a Nevada slurry tanker as part of their effluent system upgrade.

When they installed a new feedpad, they needed more storage and a better way of spreading effluent.

The new system

Includes a green-water floodwash, a drive-in stone trap and a three million litre lined pond. Effluent passes through the stone trap where most of the solids are strained out. Richard then uses his Nevada Slurry Tanker to clean the stone trap.

It is a simple one-person operation and eliminates the need for a solids storage bunker.

The old irrigation pump is fitted to a **Nevada PondBoom™** for safe, easy operation and maintenance. This sends water to the green-water wash system.

Richard has found the **Nevada 12,800L Tandem Slurry Tanker** even better than he thought. It doesn't really damage paddocks and he estimates it has saved him thousands of dollars in fertilisers.

It's the only way to go

When asked if he would recommend Nevada slurry tankers to other farmers, Richard responded: "It's the only way to go!"

"I can lower my pond by 500mm in one day between milkings. That is the equivalent of two weeks milking."



Jeanette & Neil Took A Proactive Approach to Discharge Consent

Jeanette Bryham owns a dairy farm in Waipu, Northland. Alongside sharemilker Neil Troost, they milk 300 cows right through Winter. So there's a fair amount of effluent to take care of...

Currently having discharge consent, Jeanette and Neil would discharge over winter through a 4 pond system and wetland. Over summer months they'd do their best to utilise effluent nutrients from the storage ponds that collect effluent from the milking shed and a feed pad. When possible, their neighbour would use his Nevada slurry tanker to empty the pond and spread.

A proactive improvement

Jeanette and Neil could see the value in applying effluent to land. They could also see that discharge consents were not to be relied on in the future.

"We wanted to make a proactive improvement to how we managed effluent. Get in early and give ourselves time to adjust. Now that Fonterra have made it a condition of supply, we're glad we did!" Neil said.

Impressed by the neighbour's Nevada slurry tanker, and from his recommendation, they gave Nevada a call to work out a plan.

Plenty of storage

"We Winter milk and collect effluent from the feed pad, so there's a lot of nutrients we can be making use of. We wanted to make sure there was plenty of storage so we never have to worry about it."

As a contingency, one of the oxidation ponds was extended and converted into a second effluent storage pond.


"We've increased the size of our second pond 4 fold. The plan is to suck from the first smaller pond with a slurry tanker as much as possible, then use the larger second pond during times we can't apply effluent to land."

Spread more

With more effluent to spread, Jeanette and Neil thought it would be wise to invest in their own slurry tanker to spread when and where they wanted. Jeanette's son, Gordon was more than happy to take on the job of driving it.

One of the reasons they chose to spread with a **Nevada 12,800L Tandem Slurry Tanker** was the versatility. The tanker can suck thick slurry from any of the ponds and can also be used to clean out the feed pad and troughs. There are also no limitations to spreading all over the farm – including around odd-shaped paddocks.

"It's a real easy job. We just follow the cows in rotation. So far there haven't been any times we couldn't spread."



"We go much further than the pumping guys!"

Nigel got the Ideal Size Slurry Tanker for Safety & Efficiency

Nigel Smith has been dairy farming in North Taranaki for many years. The family mostly run the farms now, so Nigel has time to do a bit of contracting as well.

Spreading on crops

He likes to get effluent onto the crop paddocks and says the **Nevada 14,000L Tandem Axle Slurry Tanker** is ideal for this. It is fast, easy to use, and very stable on the hills. Both farms have rolling hills, so safety is very important.

The MB140 fills in just four minutes, and with the steering axle, it is easy on the farm race and paddocks. He likes the fact that they can put effluent anywhere on the farm...

Easy to use

He finds the MB140 a good size for their farms. It is big enough to be efficient, and small enough to be safe.

"I like the Nevada (tanker) because it is easy to use, Fast filling, and very stable on the hills."



Allan's Now Got More Grass for Less Money!

Allan Eichstaedt is a dairy farmer in North Taranaki. His 101ha (plus 25ha run-off) farm holds 230 cows, and is mainly flat terrain.

Recurring problems

A recurring problem for him was the need to choose to either spray irrigate, or empty the ponds out - so after careful research, decided a slurry tanker would be a better option. A slurry tanker would enable him to spread the effluent to all areas of the farm regularly, easily, and quickly - making sure that those nutrients are put back into the ground most effectively.

Previously he was using a contracting company to pump out the ponds once or twice a year, and then a time-consuming and costly spray irrigation system had to be set up to spray the whole farm. The obvious answer to this problem came in the shape of a **Nevada 14,700L Tandem Slurry Tanker**. Its tandem axle gives a safe, comfortable ride across all terrains, and its manoeuvrability makes it a joy to use.

A reliable tanker

Allan decided to choose his Nevada slurry tanker over other brands because of its practicality, high-quality design and build, and for its light weight - making it a very capable, reliable and versatile tanker.

So many benefits

Allan has noticed considerable benefits since using his new Nevada slurry tanker:

- In the drier months, he has the easy option of spreading across the whole farm, boosting grass growth.
- He has seen a huge increase in grass growth over the whole property, as well as benefitting from a large reduction in fertiliser costs!

With a large capacity slurry tanker, the time spent spreading is greatly reduced.

He couldn't be happier - he knows that he chose the ideal option for his farm - a Nevada 14,700L slurry tanker.

"I'm able to spread effluent easily, regularly - even in the drier months. There has been a huge increase in grass growth, and I've noticed a large decrease in fertiliser costs. I'm really happy that I chose my Nevada tanker."

"With the 25ha run-off 6km away, the tanker is excellent for getting fertiliser spread there too."

"There has been a huge increase in grass growth, and I've noticed a large decrease in fertiliser costs."



Joe's Enthusiasm for Nevada Slurry Tankers Shows

Joe Ulenburg is a contractor in Hawera, Taranaki. He operates a Nevada 12,800L Tandem Slurry Tanker over 340 acres with 400 cows.

Increase in demand

For the farm owner, Murray Phillips, the tanker complements his hire business, so as demand increased so did his tanker's capacity needs. He started with an 8,000L Nevada Single Axle Slurry Tanker and upgraded progressively to a 12,800L Tandem Slurry Tanker, making this tanker his 4th Nevada tanker upgrade in over 5 years.

Go anywhere

The beauty of the tanker system, Joe said, is that you can cart effluent wherever you want it, the tanker takes only 3-5mins to fill using the Nevada Ezi-load Autofill system, it's easy to clean, and has decreased the amount of fertiliser needed.

In fact, for years we haven't had to use phosphate or potash on the farm, we only use [Farm Dairy] Effluent.

Joe is effusive in his enthusiasm for the machine, he said that using it means they are able to utilise a by-product they already own. There are no irrigator's to shift. He doesn't have to be at effluent management 24/7, he can stop and start when he likes. He doesn't have to get out of the tractor to fill the tanker, and the tanker is ready to go when he has time available...



"It's a perfect one farm, one man operation."



How Clyde & Jan Transformed Their Effluent System

In Kauru Hill, Omaru, Clyde and Jan run a 800 Jersey cow farm on an effective 340ha of gentle rolling countryside, 100 to 140 metres elevation, in the foothills of the Kakanui ranges.

Compliance issues

Previously effluent handling was managed using a three pond and travelling irrigator system, comprising of: a stone trap; main settlement pond and a concrete cone pond - from which the irrigators were pump fed from a floating inlet. The irrigators provided a total available spread area of approximately 30ha. This method was at risk of failing to be compliant as stock numbers have increased from 350 cows.

"When researching my options it came down to two providers. I chose Nevada because of their reputation for quality, their value for money and better features, like the hydraulic arm on the tanker. With this I don't need to get out of the cab to refill."

Future proofing the farm

Clyde and Jan purchased a Nevada 14,700 litre Tandem Slurry Tanker with a RainWave™ applicator attachment and a PTO slurry stirrer (TurboStir™ 6000).

Clyde contacted Nevada for advice on transforming their system into something futureproofed and council compliant. Their new effluent system still uses the existing stone trap which feeds to the main settlement pond. The main pond has the capacity to retain about a month's effluent. This is usually kept at around half full to provide freeboard for rain and times when conditions are unsuitable for spreading. Clyde has retained the standing concrete cone pond solely as a redundant back up.

Spread over the whole farm

"Even on half power the stirrer can completely mix the main pond in under 10 minutes, stirring the sediment and any crust to an even suspension that's full of nutrients. The rolling nature of our land is suited to tanker spreading, though you still need to be careful on wet grass. We are no longer limited to the 30ha range of the travelling irrigators. Our whole farm is now available for dispersal and at the low rate of around 1.5ml, following the cows, the ground will not be overloaded."

Clyde manages spreading areas using GPS on board his tractor.

With our earlier system a kink in the hose or a broken wire could lead to effluent being poured out at a single spot - and we end up being non-compliant because we have created a puddle.

No fuss, no worries

Now though, with this system, we have done away with all that and I don't ever have to worry about that type of thing happening.

"To be honest the fertiliser saving, of around 16-20 tonnes, using effluent spreading was not as much as I was expecting. I think though that the real value is in the organics. Getting the ground biology working correctly is far better than applying fertiliser, and since I can apply it evenly, rather than as cows do, I can get good even growth and less leeching."

"Now we can get more benefit from the effluent and with the whole farm available we can improve paddock nutrient levels, like spreading in areas that normally carry less dung. Paddocks we've always treated never needed fertiliser and we can now get that benefit across the whole farm. In fact I'm looking forward to utilising the Nevada system on a few paddocks of fodder beet crops in the coming season."

"I think though that the real value is in the organics. Getting the ground biology working correctly is far better than applying fertiliser"



Stan's Effluent System Needed the Extra Resource

There's been quite a few changes on Stan Dravitski's dairy farm as it's evolved over the years, and he's become an expert at adapting and finding new uses for old infrastructure.

His old effluent management system has served him well over the years, but Stan could see it has reached its capacity and needed a helping hand.

Located in Stratford, South Taranaki, Stan Dravitski's farm stretches over flat to rolling land. A new cow shed has been built, with the old shed now being used for calving and stock yards. Effluent from the new shed runs into a sump which is then pumped out to a Cobra travelling rain gun. Excess effluent is pumped into a Permastore® glass-fused-to-steel tank when needed. The old shed is connected

to two holding ponds which Stan would get contractors in to empty.

So much effluent

Understandably Stan had plenty of storage, and plenty of effluent nutrients available, but the irrigator system could only pump so much over a limited area.

"The nutrients were getting wasted just sitting there until we got a contractor to come and empty the ponds. We needed to upgrade our system to spread over hills and other parts of the farm the irrigator can't get to."

Extra resources

So they contacted Nevada about a slurry tanker. A 12,800L tandem axle was an ideal size for their needs, so they ordered one and the rest is history!

"We've seen the Nevada slurry tankers in action and liked how they are well built and easy to tow so any of the staff can jump in and take a load out when we can."

"It's been a great investment. Just what we needed. Staff love it, and any of them can use it. We've cut right back on synthetic ferts, and don't need to get the contractors in to clean out the ponds."



"We've cut right back on synthetic ferts, and don't need to get the contractors in to clean out the ponds."

Eugene Casey

Dairy Farmer

Temuka

Eugene's a Big Supporter of PondBugs™

Eugene Casey's Temuka dairy farm has a huge pond to store the effluent from his 1000+ cows...but with a strong smell and crust, Eugene could tell his pond wasn't healthy. After trying a few solutions, he tried PondBugs and hasn't looked back...

Eugene has a large farm situated on two sides of the road. Effluent from the cow shed flows into a saucer where he can pump out to the irrigator, and excess effluent gets pumped to a huge effluent pond across the road. Eugene originally reached out to Nevada looking for a portable stirrer he can use for both the saucer and the pond, and a slurry tanker so he can make use of the effluent in the pond.

A portable solution

After a visit to the farm, Lloyd recommended a **TurboStir™ 7000 PTO Stirrer**. Attaching to a tractor, the PTO stirrer provides the portability Eugene needed for use across both storage areas, but also the power to give the larger pond a really good stir in a short amount of time.

The slurry tanker just made sense for Eugene's situation. With big storage across the road, he wanted the ability to go hard spreading when it was practical, and to spread wherever he needed to. A **Nevada 14,700L Tandem Slurry Tanker** was the ideal size.

All was going well with the PTO stirrer and slurry tanker but given the large amount of effluent being stored in the pond, Eugene couldn't get rid of the smell and crust formed quickly.

PondBugs™

Then Lloyd suggested he try **PondBugs™**, and Eugene's been using it consistently for almost 3 years!

"I'm a big supporter. It's simple to use and there's no mucking around. Just easy to tip into the effluent catchment on a regular basis, the pond's got no smell or crust, and there's more plant available. The grass has been happier and growing nicely."



"I've tried a few solutions, ones where you need to dissolve the powder in warm water then let it stand before use. It was a lot of mucking around."



Peter's Research into Slurry Tankers Paid Off

As a contractor in Eketahuna there's no room for mucking around...

Peter Bengston's in hot demand when it comes to farmers wanting their effluent ponds emptied and nutrients spread in Eketahuna.

Out with the old

"My old 10,000L tanker had simply become inefficient. It bucked hard on the tractor, and was damaging the tracks and races."

With all the contracting work, Peter could easily see the old slurry tanker had done

it's dash, and it was time for an upgrade. So he did some serious research...

In with the new

So he upgraded to a Nevada 12,800L Tandem Slurry Tanker with RainWave™ applicator.

"If I was going to invest in a new machine, I wanted one with higher quality. I researched them all [tanker brands], and

came back to the Nevada because it's got good steering, is good to operate, and it's galvanised."

Now Peter's been using his new 12,800L Nevada tanker for a while, and put it through it's paces, he can safely say he'd recommend it to other contractors and farmers...



"It's great for the contracting, or for farmers wanting to empty their ponds when they want. You can see the huge advantages in grass growth when nutrients are spread at the optimum time."



Paul's Advice to other Dairy Farmers

After 9 months with his beloved 12,800L Nevada Tandem Slurry Tanker, Paul Bavin has just one regret – that he didn't go bigger!

Following up with Paul, his 187ha dairy farm on the outskirts of Nelson Lakes is thriving. His Nevada journey began in late 2020 with the purchase of his **Nevada 12,800L Tandem Slurry Tanker**. Previously running off an underground system with travelling irrigator, Paul had wanted to make better use of the natural fertiliser he was already producing and spread over the entire farm. An adapter was fitted to allow the slurry tanker's auto-filling arm to suck from the above ground Klip Tank™, and Paul's been smiling ever since...

Should of gone bigger

"I'm very happy with the machine, my only regret is I didn't go bigger."

When Paul was first deciding on the slurry tanker size, a 12,800L fit the bill as the ideal size to easily spread over the area he intended without making too many trips. However, as many farmers in his position find, once you get going with a tanker, it's much faster and more efficient than you'd think, and you end up wanting to use it more and more.

"My advice is to get the bigger size than you think you need as you'll always grow into it."

Paul fell in love with his slurry tanker right away, surprised at the speed and ease of operation from filling through to application, and 9 months on he still feels the same way.

"It's so easy to operate and I haven't had to chase irrigators this spring – the farm is looking good."

Cutting back on ferts

He's also been able to achieve his goal of cutting back on synthetic fertilisers.

"I'm using less synthetic ferts, and my potassium levels have gone from 6 to 16 in 9 months!"



"I'm using less synthetic ferts, and my potassium levels have gone from 6 to 16 in 9 months!"



Daniel's Keeping Abreast of New Developments

The Nelson family have a proactive mind set when it comes to their long-established family farm in Te Kauwhata, North Waikato.

Outgrown effluent system

When Daniel noticed they were outgrowing their effluent management system, he did his research and was happy to seek out specialist advice to invest in a system that would future-proof the farm.

"We're a long-established family farm, and we like to stay abreast of new developments."

Previously a sump collected effluent from a feed pad with a barrier ditch, which was then pumped out to travelling irrigators. Although the system worked, with growth of the farm, the system was starting to strain.

Daniel began his search for a solution and contacted Nevada. Mike took a visit out to the farm to see how it all operated, and discuss Daniel's long term goals for the farm.

"Our long-term goal is to use the effluent we've got more effectively, and efficiently."

Bigger pond

The first issue to address was storage. The sump was no longer enough to safely store all the effluent during times where spreading wasn't an option, so a **large HDPE lined pond** was installed along with a **Nevada electric stirrer** to keep the effluent well mixed and prevent nutrients separating out and accumulating at the bottom of the pond. The effluent then drains back into the sump ready for spreading.

"The pond is great for storage over the wet months so we can spread when it's most needed."

Keeping the sump in use means if there was any sediment it would be drained by the sump and sucked out by the new

Nevada 14,700L Tandem Slurry Tanker – so there's less strain on the pump and irrigator system, and no nutrients are going to waste.

Daniel chose a 14,700L slurry tanker as it was the most efficient size for spreading the effluent over the entire farm without needing to make multiple trips back to the sump.

"It's great! Now we can spread anywhere. I was surprised how easy it is to pull."

Great investment

All in all Daniel's really happy with their investment...

"We're pretty happy with it all. It's met our goals of futureproofing the farm so we're not worried about issues cropping up, and we're making more effective use of the nutrients. The system is efficient and fast, so it's not a drain on time. It's been well worth the investment."



"Our long-term goal is to use the effluent we've got more effectively, and efficiently."



Stefan's got his Effluent System Sorted

Right by the Southland/Otago border is where it's at for Stefan on his 600 cow dairy farm spread over 210ha, plus another 100 odd hectares of run-off which is often used to grow silage.

Heading into Winter Stefan's pretty relaxed knowing there's plenty of storage, with effluent being spread between a wintering shed pond, a cow shed pond, and a run-off pond.

"We cart effluent over to the run-off pond by truck and dump it over there. We just collect it over winter and spread when it's needed."

The slurry tanker search

Stefan first got in touch with Nevada when he was on the search for a slurry tanker.

"It was the expense of getting contractors in [to spread over the farms] and getting effluent on when you wanted to."

Research

After doing his homework, he found Nevada to be the best value for money, having all the specs at a good price. His only concern had been whether or not his tractor could handle pulling the tanker...

"I had set my expectations that it's a **Nevada 14,500L Tandem Slurry Tanker**, and we've only got a 180 horsepower tractor, but it's been fine. The tanker is pretty jolly good. No real issues with it. No issues really at all."

Controlled application

The slurry tanker allows Stefan to spread over both the dairy farm and the run-off farm. In typical Otago fashion, there's a few creeks and streams running over

the property, but the light, controlled application of the RainWave™ applicator makes it easy for Stefan to steer clear of the waterways and there's no concern over run-off.

"It looks thick, but it's a real light application so it doesn't run away and we're not worried about it getting into streams."

The light application also means the cows can go back to grazing faster.

"We're really happy with it. It's been pretty good. The service has been pretty good too. Whenever we've needed parts they've got here pretty fast."

"It was the expense of getting contractors in [to spread over the farms] and getting effluent on when you wanted to."





TRIPLE AXLE

Before the Slurry Tanker, there was No Effluent Management

Effluent was just a bit of a headache for Scott Korpershoek until he had a lightbulb moment. He realised he could turn this daily problem into a daily resource.

Turning a problem into a solution

Scott and his family have a 290ha farm near Stanley in Tasmania. This is a mixed operation. They run 400 dairy cows, grow some potatoes, onions and crops to support the cows, and that keeps them pretty busy.

Originally, he had a separation system at the cowshed and a direct irrigation system off that, which wasn't the best system. He had to shift sprinklers every few days to make sure areas didn't get flooded. It was just a problem he'd rather not have. He'd bring in contractors once a year to empty the pond but he knew that wasn't the most efficient way to deal with his effluent. The system did its job, but didn't work well for the farm. Once they put a new feedpad in and started collecting more effluent, they knew they needed to upgrade their system.

Better effluent management

What Scott realised was that he could turn this effluent problem into a fertiliser solution and use this resource across the whole farm. Scott and his family invested in a Nevada PTO pond stirrer and a 20,000L triple axle slurry tanker. It took about four to five weeks to arrive from

New Zealand, and then they were good to go. Initially, he wasn't sure what size tanker to go with but was very happy he went with the bigger option. He has another farm and contracts out the tanker to his neighbours, so it was a good decision.

Better growth

He knew that effluent was full of potassium and phosphorus and great for soil health and growth, but he didn't realise how much. One of the first times he went with the slurry tanker to pre-spread a maize field, he missed some corners in the paddock's headland. His father gave him some grief about that, but once the maize had grown, it was plain to see where the slurry had been used. The maize reached eight to nine feet in the main part of the paddock but only reached six feet in the corners where he'd missed – nearly a metre difference.

Accuracy and efficiency

Using the slurry tanker has been simple; the steering axles and brakes make it easy to get around the farm and the big baffles mean there is no sloshing around. Scott particularly likes the Duo Rainwave™ guns on the tanker for their accuracy of application. He can get to every part of the farm, and there is less odour.

Mccauley Carse (Macca) is a mechanic and operator on the farm and is responsible for spreading, so he uses the slurry tanker most often. He's a huge fan. He likes that he can easily hook up the PTO stirrer, back it up to the pond, set the revs to 540 and it chops through the effluent. He then gets the tanker, drops the chute and fills the 20,000 litres in about four to five minutes. No messing around, he can spread several loads in a day. They follow the cows as they leave the paddocks, and they now have a very efficient rotation system in place, where they are getting maximum value from their effluent.

It's a resource.

There is always going to be a challenge with effluent but now Scott looks at it in a different light. It is no longer an issue; it is a resource that he has been able to capitalise on. With the slurry tanker, he has been able to get around the whole farm, feeding the soil and using the effluent when it has the highest concentration of nutrients. He's saving money on pre-spread synthetic fertiliser and his farm is reaping the benefits.





AT-A-GLANCE

Scott Korpershoek

REGION
Forest, TAS,
Australia



FARM SIZE
290ha



CONTOUR
Fairly flat



COWS
400



INPUTS
Farm grown crops



**EFFLUENT
STORAGE**
500,000L
Clay lined pond
11,000,000L
Secondary pond



PRODUCTS

- Nevada 20,150L Triple Axle Slurry Tanker
- TurboStir™ 7000 PTO Pond stirrer

Figures are approximate only.



Watch Video Online

Bruce Has No Regrets

Bruce is a dairy farmer who knows what he wants, so when he asked Nevada for the biggest slurry tanker we had - he meant it!

All in all Bruce's 500ha dairy farm runs like a well oiled machine. With 1600 cows, there's high input, and high output, so he has two systems running. Effluent from the cow shed is run through a screw press with liquids going into a sump. Any overflow is pushed through to one of the effluent ponds. There are 3 earthen effluent ponds storing effluent from the feedpads.

'The greenwater is all going out through the pivot, but we'd still have to suck the ponds out once a year to get the sludge out of the bottom of them. It's just one of those things, for smaller farms you can just tanker everything, but once you start getting to 1600 cows you end up with a lot of stuff. The screwpress does a good job, but one system can't do everything.'

Time to upgrade

Bruce strives to utilise every inch of the farm, and with re-grassing and crops being regularly planted, the effluent nutrients are always being put to good use. The issue Bruce had was simple - the old 18,000L tanker was too small!

Having previously bought his pump from Nevada, he gave us a call, when it came time to upgrade his tanker.

'We chose Nevada because you're a local (NZ) company really. We dealt with you in the past with the pump and it all went good, we're happy with the product you sell, and we wanted a company with a good parts presence.'

Go bigger

Bruce had already done the calculations based on his 18,000L tanker and the horsepower of his new tractor, and he knew the massive **Nevada 37,000L Triple Slurry Tanker** had his name written all over it.

'The old tanker was just too small basically, for what we are producing. The reason for buying the big one is to be able to do things a bit faster, and we've got the new tractor now to be able to hang onto it, so we can utilise the big tractor as well. We have to clean ponds out once a year anyway, but it's better being able to do it in house. Then we don't worry about potential smell issues with spreading in one area, and the money is flowing the right way.'



'Glad we didn't go with a boom. Those structures would be wiped off. The RainWave™ is awesome, it is so uniform in spreading. The whole thing is very easy to operate and rides nicely – we're more than happy with it.'



AT-A-GLANCE
Bruce Turpie

REGION
South Canterbury



FARM SIZE
500ha



CONTOUR
Flat



COWS
1600



INPUTS
System 5,
grain,PKE, maize
& grass silage



EFFLUENT STORAGE
14,000,000L
3 Clay lined ponds



PRODUCTS
• Nevada 37,000L
Triple Slurry Tanker

Figures are approximate only.





Ross' Slurry Tanker Does It All!

A slurry tanker wasn't what Ross had in mind when he first contacted Nevada. He was looking for a stirrer and pump, but he ended up with an even better solution...

Ross Clark owns a 600 cow dairy farm in Midhurst and sharemilks on a 700 cow dairy farm further down the coast.

The two farms have quite different effluent storage set-ups. Ross' farm has two Herd Homes® and 3 effluent ponds, while the other farm has a 5,000,000L pond. So there's a lot of effluent to manage.

The issues

Ross was looking for a solution to cover a number of things:

1. Previously having discharge consent, Ross needed a new way to manage effluent on his farm.
2. He wanted a way to efficiently manage effluent across both farms himself without needing to get contractors in.
3. The effluent from the sharemilked farm is very thick and a pump couldn't handle it.
4. Pumping out of the Herd Homes® was disruptive and inefficient.

Slatted floor Barn

To clean out the Herd Homes® Ross had been taking the cows out, lifting the grates, and getting a contractor in to dig it out and spread with a solids spreader.

"It would take over a week and the cows can't go in, so it was really inefficient."

After learning a bit more about Ross' situation, Mike at Nevada suggested a slurry tanker to solve the issues across both farms. A slurry tanker would be able to clean out the Herd Homes® as well as the thicker slurry in the tank. He'd also be able to spread when and where he wanted.

"Now we can just leave the cows in there [Herd Homes®], lift a couple of grates, give it a stir, and suck it all out with the slurry tanker. We can just do what we want now, and it's a lot quicker."

Minimise loads

Ross' nice new tractor could easily handle a Nevada 20,150L Triple Axle Slurry Tanker which would also be a good size to minimise loads around the two farms.

Midhurst experiences high rainfall, so a triple axle is ideal for spreading the weight across 6 wheels and minimising the impact on softer soils.

"The Central Taranaki farm is a wet farm, and I've taken it through a few wet spots down on the coast, and you wouldn't know you were pulling it through."

Complete package

Ross did shop around at other slurry tanker options, but ultimately chose to go for a Nevada 20,150L slurry tanker with loading accelerator.

"It has everything we wanted – turbo-fill, 8" sucker line, and the pricing was very competitive."

Efficiency was clearly a key factor for Ross, and he's been impressed with how fast, easy and accurate the slurry tanker is...

"It fills in less than 4 minutes, and the RainWave™ applicators are just real easy. We go about 4km/h and it's got a very even spread. It's real simple and it works well."

"Now we can just leave the cows in there [Herd Homes®], lift a couple of grates, give it a stir, and suck it all out with the slurry tanker. We can just do what we want now, and it's a lot quicker."



Why Arthur Wants a Second Slurry Tanker!

Arthur Clapison is a dairy farmer that thinks outside the box and grabs opportunities with both hands...

Sharemilking on a dairy farm in Kaimata, North Taranaki, Arthur is passionate about the use of effluent nutrients. So much so, that in his spare time he helps other local farmers – stirring their ponds and spreading over paddocks.

Flexibility on the go

Arthur's first effluent equipment investment with Nevada was a **TurboStir™ 6000 PTO stirrer**. Being a sharemilker he needed a stirrer that was portable so he could take it with him wherever he goes, so in making the most of his investment it makes sense to use it for some contracting work as well.

Effluent spreading

As an advocate for effluent spreading Arthur's next investment was to be a slurry tanker to enable him to have an entire effluent management solution not just for himself, but for his contracting clients. Given the TurboStir had been a great success, he headed straight to Nevada to enquire about a slurry tanker.

Reliability

"Reliability is key for me. I'm not only using the machine for my own farm, but for my clients. The stirrer's been great, so I went back for a slurry tanker."

Arthur's got a big tractor and a lot of effluent to spread, so a **20,000L Triple Axle Slurry Tanker** was a good fit. The tractor can easily handle the load, and carrying a larger amount makes it more efficient with less trips back to the pond.

"It's amazing how manoeuvrable it is. Very efficient. Surprisingly fast spreading with the RainWave™. I'd like to have two identical machines!"



Dennis Boosted Efficiency with a Slurry Tanker

Dennis Cadigan operates a contracting business in Hokitika on the West Coast.

He was previously running a smaller tanker of a well known brand, but was getting a lot of breakdowns, and parts backup issues. This quickly started to impact the business, with work becoming less efficient, and jobs being delayed – so he went looking for a solution.

Dennis had first been in contact with Nevada a couple of years ago after seeing what we had to offer in a flyer. Although the stars didn't align back then, he still liked the product and service, so was keen to get a quote when it came time for a new tanker.

"The most important thing for me was getting something reliable."

A bigger, better machine

Being used to working with the size of his current slurry tanker, Dennis hadn't put much thought into going bigger. However, once he saw the quote for a similar sized Nevada tanker, he enquired, and found he could get a higher spec, larger tanker for a similar price to the existing brand! So Dennis purchased a **Nevada 20,000L Triple Axle Slurry Tanker**, which came with the Duo RainWave™ applicator.

"I was rapt! You tend to stick with what you know, but the old machine had become a real pain in the ass. With Nevada, the whole experience was so easy. I ended up with a bigger, better machine, and we haven't looked back. The spreaders [Rainwave] give us a wider, more even spread, which means we're spreading faster with better results."

"With the amount we spread, I was expecting to have to buy another spreading system as well, but this tanker has kept up with the workload and is certainly 'fit for purpose' for the hours we're doing. It's made a dramatic difference to our business, and exceeded my expectations by far."



Myles & Marty Tripled Their Capacity

The day the new 20,000L Nevada Slurry Tanker arrived on Myles McKeefry & Marty Genet's farm in Woodville was exciting and nerve racking at the same time...how well would their new 145hp tractor pull a tanker over 3x the size of their previous one?

This slurry tanker had been a long time in the making. It was back in 2013 when Myles had first seen a Nevada slurry tanker at the Central Districts Feildays. He'd appreciated the robust features and decided then and there that when the time was right, he'd be looking at a Nevada slurry tanker for the next upgrade.

Myles and Marty jointly own two farms operating side by side in Woodville, Manawatu. Together the farming business comprises of 430ha, with a target production of 240,000 m/s. Each have their own cow sheds. One farm has effluent flowing into a sump which is then pumped out to irrigators, and excess effluent is stored in an above ground tank. The other farm stores effluent in a pond, which is spread with a slurry tanker. Their previous slurry tanker was a wee 7,000L Joskin which had worked well with the old tractor.

New pulling power

Fast-forward to 2021 and a new 145HP tractor was welcomed onto the farm. With the new pulling power, now was the time Myles had been waiting for to seriously look at upgrading the slurry tanker to a larger Nevada.

"I'd been talking with Lloyd about a 14,000L slurry tanker since that's the recommended size for our size tractor, but Marty thought we should go bigger."

Marty had been doing some research of his own...

"What really sold the slurry tanker to me was the website and in-depth detail of the product. With Nevada slurry tankers being so easy to pull, and our paddocks being

relatively flat, I figured the new tractor could handle more. The added value in having the extra capacity and more wheels on the ground more than justified the small increase in cost between a 14,000 and a 20,000L."

Spread more in less time

Marty had Myles convinced, so they went for it and couldn't be happier with their decision.

"The tractor handles it well. We like that we can store effluent for 6 weeks then just do 1 day spreading, where with the old 7,000L we'd be spending heaps of time chasing our tails. The Nevada slurry tanker has exceeded our expectations. If anyone is looking at getting a tandem axle, I'd happily tell them the benefits of upgrading to a triple."

"We like that we can store effluent for 6 weeks then just do 1 day spreading."



NZ 0800 464 393
nevadagroup.co.nz

AUS 1800 963 490
nevadagroup.com.au

 **nevada**[®]
Sustainable Effluent Management