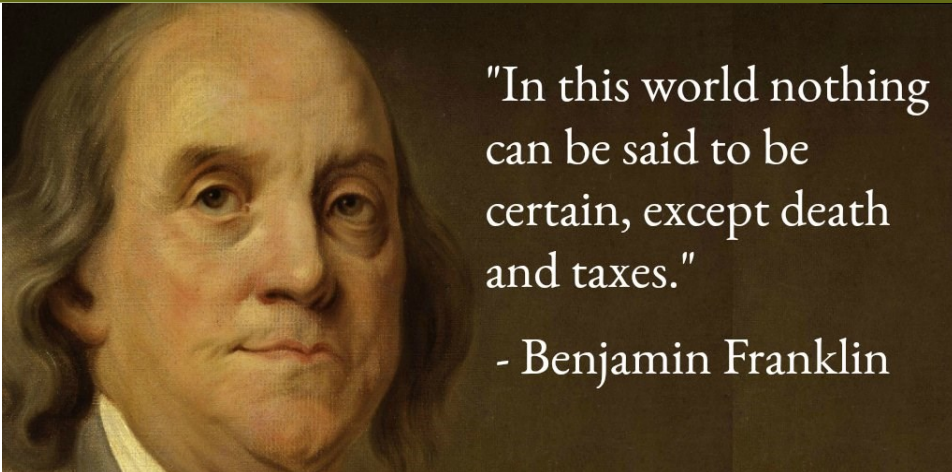




SERRANO CREEK RANCH EQUESTRIAN CENTER



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(949) 768-5921



"In this world nothing
can be said to be
certain, except death
and taxes."
- Benjamin Franklin

Regenerative Air Dust Extractor

If old Ben had a horse stable, he might have instead said the two certainties would be flies and dust.

Horses make a lot of dust. With their heavy weight applied to the small surface area of a horseshoe, very quickly, small gravels and sands are reduced to the fine particles that comprise dust. Historically there are two options for dust control: daily watering and doing nothing.

In the past April's newsletter, we talked about the benefits of the blowers being used by the workers on all concrete stall aisles. Since the blowers have been used, we have had a couple boarders express concerns regarding the noise, and dispersion of the dust into the air and into the horse's waterer.

After years of reflection on this existential issue of dust and many failed attempts, we have arrived at the third solution- vacuuming it up.

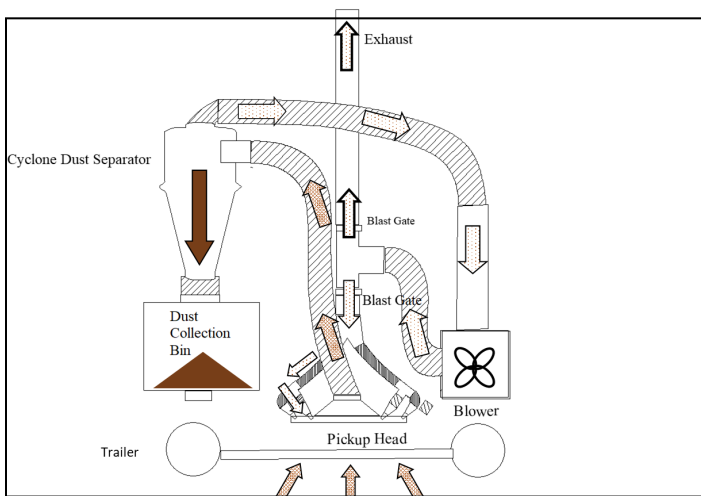
After many months of engineering and construction, our RADE (Regenerative Air Dust Extractor) has been put into service. Stealing concepts from bagless residential vacuum cleaners (thanks, Mr. Dyson) and street sweepers, our machine is a hybrid

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AUGUST 2022 NEWSLETTER

IN THIS EDITION:

- **Regenerative Air Dust Extractor**
- **Wash Rack Upgrade**
- **Vaccination Records**
- **E-Bikes**
- **SCR History**



1. Design Completed

of these two, plus countless YouTube videos.

It has been designed to collect just the dust and hay bits but to leave behind sand and gravel. While we are still tweaking the machine, it has proved wildly successful to date. Special attention was put into making it as quiet as possible.



2. Trailer chassis welding complete

Sometimes, the RADE passes over a large pile of dust, and you might see some dust being expelled out the top. Rest assured that the amount of dust collected in the disposal box is quite significant and far more than what was expelled. With each additional passing, the system can process the remaining dust without being overwhelmed. We expect that you will see far, far less dust from horses and cars as they traverse the grounds over the next few months.

Eventually, this machine will begin its work in the

arenas, removing just the dust portion. When we sampled the footing in the front arena, it was estimated that there is something like 5% dust portion. Yet let one day go by with no watering, and this small dust portion a disproportionate annoyance. So our next phase is to begin using the machine to collect this fine dust. As we do, we can reduce our watering of the arenas. This is especially important for our current drought.



3. Welding pickup head

While rain seems like a laughable topic to discuss, there will be a time that the skies will open up. The fine dust in the walkways acts like a lubricant when it gets wet. As a result, walking on these areas immediately after rain can be slippery. With much of the dust collected, you'll find that the remaining gravel will provide



Completed RADE

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excellent traction, especially directly after a rain.

We ask for the help of the boarders by reducing the number of items in front of your stall. For example, all hay and feed bag must be stored within 24 hrs. of delivery. Stalls are only allowed 1 feed box (must be 100% in front of stall), 1 metal can, and cleaning equipment (please make sure the equipment is secured so your

horse does not play with them). We greatly appreciate if all boarders would move any extra feed boxes and cans from in front of their stall, so it can be easy for the vacuum to maneuver down the stall aisle.



The RADE in operation!!!

Wash Rack

As the summer days are getting hotter, we have seen an increase of boarders using the wash rack to rinse off their horse. Please remember that the wash rack is the only place on the facility that you have permission to wash your horse. Do not even think of rinsing your horse on any other part of



the stable ground! If you see a closed sign posted, do not use the wash rack as the water will drain onto the stable ground and eventually into the creek.

When rinsing your horse, please remember to use the least amount of water and use the least toxic soaps as possible. Make sure you are only bathing your horse on the concrete portion only. All water must flow into the catch basin located at the wash rack. We ask that you do not remove the nozzle sprayer at the end of the hoses, the nozzle sprayer is there to reduce the amount of water that can be

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wasted. Please make sure to roll up the wash rack hose and turn the water completely off when finished.

When your horse poops at the wash rack, please make sure to clean it immediately after. Remember, your horse poops, you scoop it! We have provided the wash rack with a muck bucket and fork to make it convenient for you to clean after

your horse. So please make sure to clean after yourself, dispose of any empty bottles into the trash can and scoop up your horse's manure into the muck bucket before leaving the wash rack.

Wash rack remodel, if you have not already seen the far end slot closest to the hill side. We have converted that slot into a cross-tie and installed rubber mats.



Vaccination Records

Please remember to forward your up-to-date vaccine records to the office if you have not already, so we can update your horse's information in our system. SCR requires the following vaccines:

Annual

Tetanus
West Nile
Eastern & Western
Encephalitis

Semi-Annual

Influenza
Rhinopneumonitis
Worming or Annual Fecal Exam

Electric Bikes on Trail

In the last couple of months, there have been a few electric bike incidents on trail. To be clear, electric bikes should always yield to horses. Due to the increase of incidents with electric bikes, we had the Lake Forest Police ask us to let our boarders know to report any electric bikes on trail to the non-emergency (949)770-6011. In the case of an emergency or a confrontation with an individual riding an electric bike please call 9-1-1.

LAKE FOREST POLICE SERVICES



EMERGENCY 9-1-1 NON-EMERGENCY (949) 770-6011

Police Services (949) 461-3530
Crime Prevention (949) 461-3546
Graffiti Hotline (949) 461-3583
City Hall (949) 461-3400
City Website lakeforestca.gov
Sheriff's Website ocsheriff.gov

Professional Services Directory



Leslie Thomson

Western Lessons
& Training
(949) 295-4807

Silver Stirrup Riding Academy

Beginning English, Western,
and Camps
(949) 354-3603

MKO Performance Horses

Western & Barrel
Training/ Lessons
(949) 351-4706

Silver Iris Farms

All-Around English & 3-Day
Eventing
(949) 395-0932

Tom Betts-Aranda

Dressage Lessons
(949)291-8262

Brave Grace

Equine Inspired Growth and
Healing
(949) 371-6240

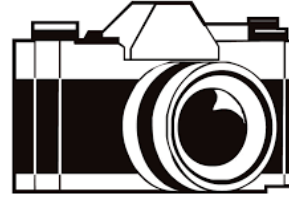
New Flight Counseling

Equine Assisted EMDR
(949)793-9264

Simple Horses Sense

Equine Assisted Counseling
(714)468-2512

Serrano Creek Ranch's Long History



Stall/Paddock in front of where Leslie's Tack shed is located today.



The back arena, before the back breezeway and stalls were built. At that time there was no fencing between SCR and Serrano Creek Park.



Back arena view from the Serrano Rd.



The view from Serrano Rd and Serrano Creek Park before fence was built.