To Whom It May Concern:

We (b)(6) [redacted], have resided a (b)(6) [redacted] (b)(6) [redacted] or 17 years. We have three young children still living at home. We bought our house because we wanted our children to grow up in a rural setting. We used to love the location we chose. But now....?

We come from farming communities and had an open mindset when Central Sands Dairy was being built, literally, in our back yard. We have no bad feelings toward farming. We know and respect many people who run family farms.

Our water quality has been significantly impacted since Central Sands Dairy was constructed and became operational directly upgradient of our home. Our most recent water test results for our home were at 39.7 and 41.7 mg/l nitrates. What does this mean for our family? We have been buying water for over 5 years, but what about the other things we can absorb through our skin or ingest while bathing, swimming, brushing our teeth, or cooking? Why should we have to buy our water? Why do we need to be afraid of the water that comes through our faucets?

Central Sands Dairy's monitoring well #4 (upgradient of our home) recently reached nitrate levels of 77mg/l and other monitoring wells intermittently indicated coliform and E coli along with ammonium at high levels were present, yet Central Sands Dairy never notified our family of the terrible water conditions. We learned of these issues at a DNR public hearing!

We regularly experience overspray from Central Sands Dairy's irrigation systems. Manure is, at times, irrigated from center pivot systems using drop sprayers and end guns very nearby. The attached photo is from that center pivot system. Is our yard a dangerous place for our boys to be playing? Is our swimming pool safe for us to swim in? How do we know? Where do we get answers? How do we keep our boys safe?

We have a few other concerns that are result of our close proximity to Central Sands Dairy. We periodically have an unidentifiable mold that appears on our grass where our children play. Aerial application of chemicals occur very close to our home; we don't know what they are or their short term or long term side effects. How is it legal for them to spray our property? An open Central Sands Dairy's manure dragline was laid on our property, right over the flags for our new underground fence for our dogs. How is all of this affecting our beloved dogs who spend time outside?

We have experienced putrid odors when the wind is out of the northwest. It's not just a manure smell; it smells like rotten meat! It's terrible! The conditions we are living with are scary. We would like to be bought out of our home, but it is not worth near what it was before Central Sands Dairy built next door. Is that our fault?

Why are they allowed to pollute our water? Why can they spray their chemicals on our yard possibly harming us, our boys, and our dogs? Why aren't they held to the same standards as other corporations? Where are our rights?

We are afraid it is not safe living here. We're very worried our family is going to get sick, like some of the other people in the area. We are also concerned about the long term consequences towards our health. We have been paralyzed by the thought there is nothing we can do about the conditions or our situation. We need help!

(b)(6) [redacted]

(b)(6)

Water and Environmental Analysis Lab

UW-Stevens Point, College of Natural Resources
Phone (715)346-3209 or Toll Free (877)383-8378
www.uwsp.edu/cnr/weal

Center for Watershed Science and Education

Thursday, September 25, 2014

WELL INFORMATION:

WI Unique Well Number
Add
City Armenia
State WI Zip
County ~~WOOD~~ Juneau
Town

Legal Description

	Sec	T	R
1/4 1/4	(section)	(town)	(range)

Map 1 : Gov't Lot#

Year well installed 1994

Casing Diameter:
☐ 3" - less ☐ 4-9" ☐ 10-18" ☐ 18+"

Total well depth
Depth of casing
Depth to water

SOURCE:
☐ Municipal ☐ Spring
☐ Other

TREATMENT SYSTEM(s) OWNED:
☐ Water softener ☐ Rev Osmosis
☐ Carbon filter ☐ Neutralizer
☐ Particle filter ☐ Iron Filter
☐ Other

PROBLEMS OBSERVED:
☑ Color ☐ Taste ☐ Odor
☐ Corrosion ☐ Health ☐ None
☐ Other

LAST DATE TESTED:
☐ Never ☐ Unknown
☐ Less than 1 year ☐ 1-2 years
☑ 2-5 years ☐ 5-10 years
☐ Greater than 10 years

REASON FOR TESTING:
☑ Curious about water quality
☐ Suspect water quality problems
☐ Regularly test my well
☐ Required by lending institution
☐ Retest of positive bacteria test
☐ Retest following well disinfection
☐ Infant/pregnant woman/daycare
☐ Other

MAIL RESULTS TO:
last (b)(6)
First (b)(6)
Add (b)(6)
City
State (b)(6) Zip (b)(6)
phone (b)(6)

SAMPLE(s) COLLECTED
Date 9/15/2014
Time 17:00

SAMPLE(s) TAKEN FROM:
☐ Pressure Tank
☑ Kitchen faucet
☐ Bathroom faucet
☐ Outside faucet
☐ Barn
☐ Other

Sample ID 34
Labno 484-14-4
Group REGIONAL LAB - ETF

LABORATORY RESULTS

Parameter	Qualifier	Results	Units	
Hardness-Total		4	mg/l CaCO3	
Alkalinity		28	mg/l CaCO3	
Conductivity		661	umhos/cm	
pH		8.71	std units	
Saturation Index		-1.6		Corrosivity Moderate
Nitrogen-Nitrate/Nitrite		41.7	mg/l N	(see note 1 below)
Chloride		45.7	mg/l	

1. NITRATE – Water greater than 10 mg/L of nitrate-nitrogen should not be consumed by infants less than 6 months of age or pregnant women. The WI Department of Health Services recommends that all persons should avoid long-term consumption of water with nitrate-nitrogen concentrations greater than 10 mg/L. You may choose to reduce your exposure to nitrate by installing an approved water treatment device (reverse osmosis, distillation or anion exchange), purchasing bottled water or investigate the possibility that a new well would result in lower nitrate levels.

Disclaimer- The analyses run on your samples only cover some of the more common water quality characteristics. Safe levels of these chemicals or bacteria do not guarantee that your water is free of all toxic chemicals. If you suspect gasoline residues, pesticides, or other trace chemicals, you would need additional analyses. Contact the lab or your Extension office for more information.

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Manure irrigation at Central Sands Dairy