



Cost Savings In Production

Introduction



Largest Resource



Cost Control
Visibility and Actions



Supply Inventory
and Approvals



Supply Options

People



Team Member
Onboarding



Safety and
Biosecurity



Fire Safety



PQA and Animal
Behavior



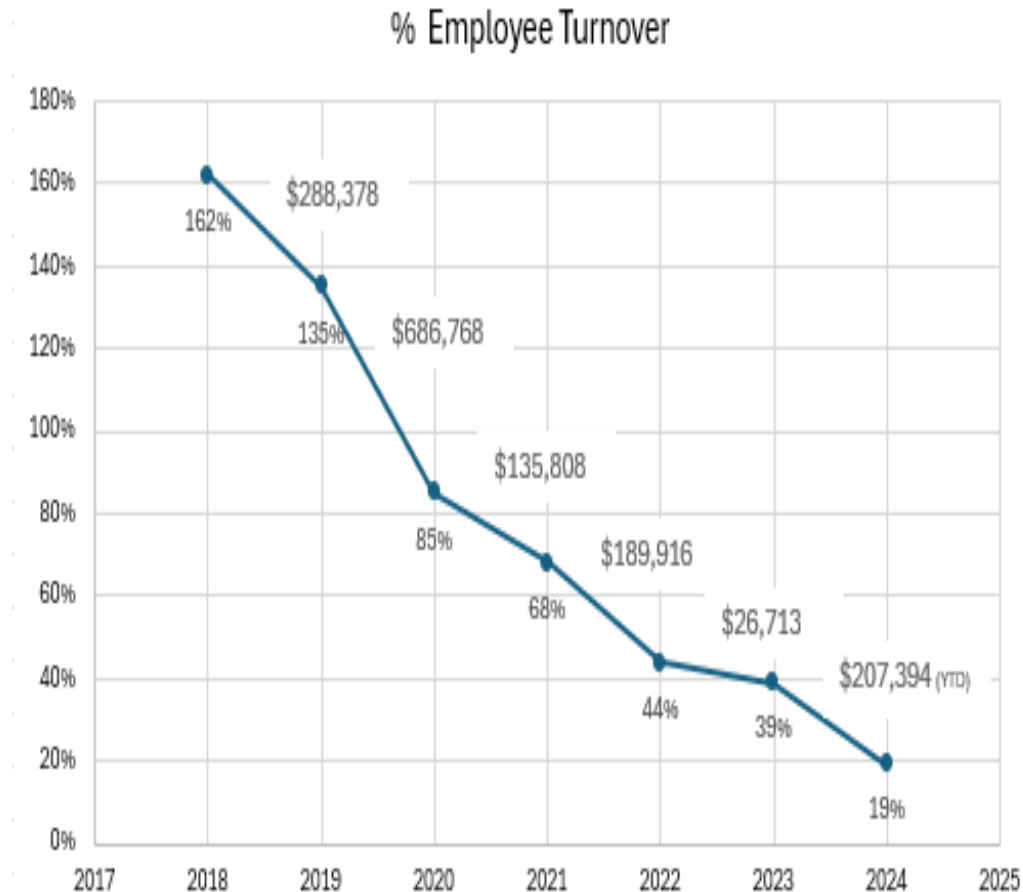
Career Path



Certifications

Largest Resource AND Biggest Asset

- Team Member Onboarding
- Safety
- Fire Safety
- PQA and Animal Behavior
- Biosecurity Training
- Career Path
- Certifications



Total Savings of \$1,504,976

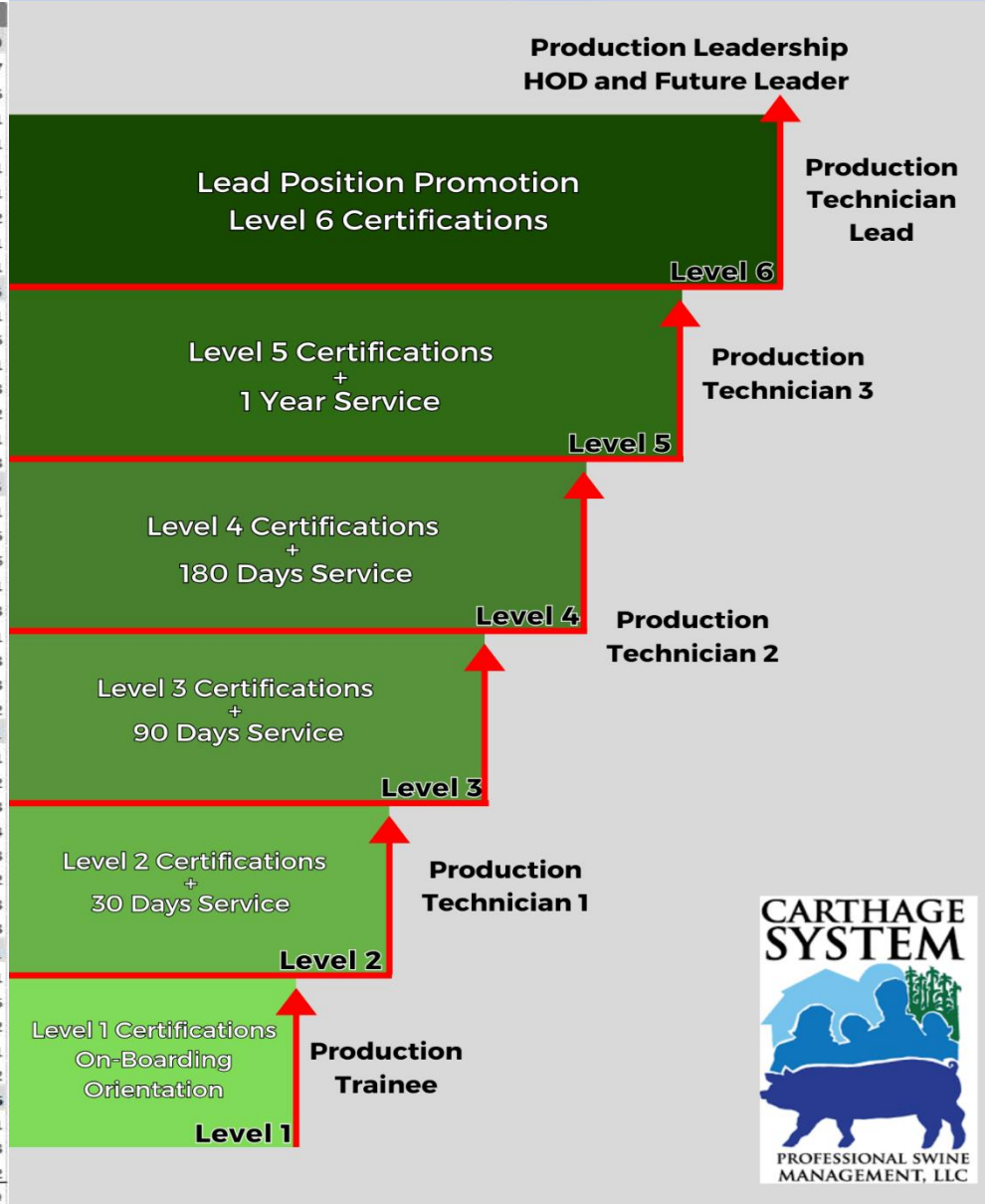
(first 10 days of employment)

Onboarding

PRODUCTION TECHNICIAN CAREER PATH

CAREER PATH PROGRESSION IS DRIVEN BY TIME AND CERTIFICATIONS

TimeFrame	Section	Count of Certifications
Onboarding		20
	1. Biosecurity	7
	2. Feeding and Water	5
	3. Environmental	1
	4. Breeding	1
	5. Farrowing	1
	6. Animal Movement	1
	8. Health	2
	10. Records and Record maintenance	1
	11. Herd and Facility Management	1
30 days		16
	1. Biosecurity	1
	2. Feeding and Water	5
	4. Breeding	1
	5. Farrowing	3
	6. Animal Movement	2
	7. Culling, Euthanasia, and Morality Removal	1
	9. Sanitation	3
90 days		25
	3. Environmental	1
	4. Breeding	5
	5. Farrowing	6
	6. Animal Movement	1
	7. Culling, Euthanasia, and Morality Removal	3
	8. Health	1
	9. Sanitation	3
	10. Records and Record maintenance	3
	11. Herd and Facility Management	2
180 days		21
	1. Biosecurity	1
	2. Feeding and Water	2
	3. Environmental	3
	4. Breeding	4
	5. Farrowing	3
	7. Culling, Euthanasia, and Morality Removal	2
	8. Health	3
	11. Herd and Facility Management	3
1 year +		11
	1. Biosecurity	1
	3. Environmental	5
	4. Breeding	2
	8. Health	1
	10. Records and Record maintenance	2
Promotion to Lead		6
	8. Health	1
	10. Records and Record maintenance	3
	11. Herd and Facility Management	2
Grand Total		99



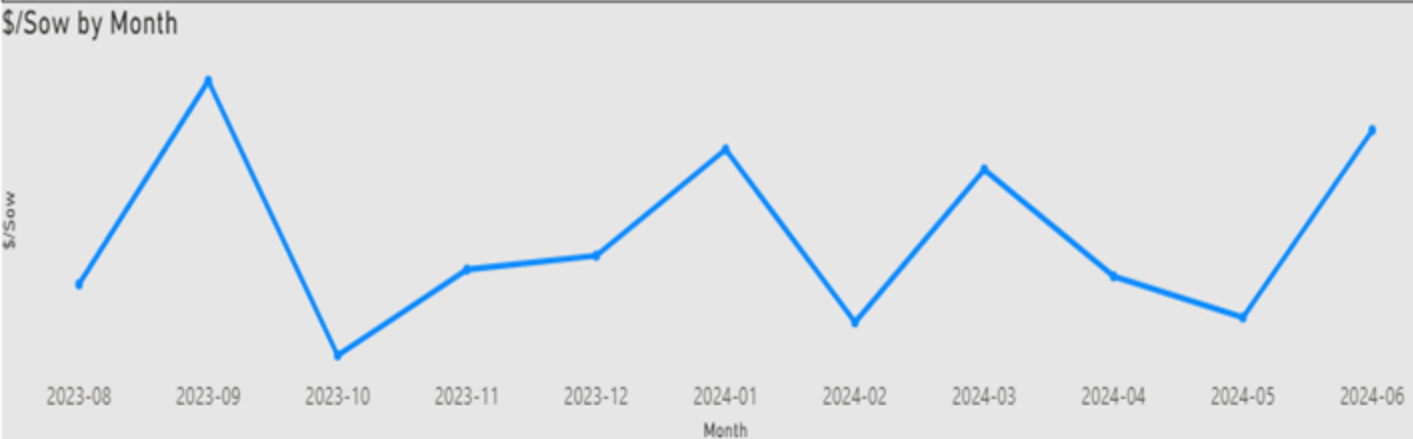
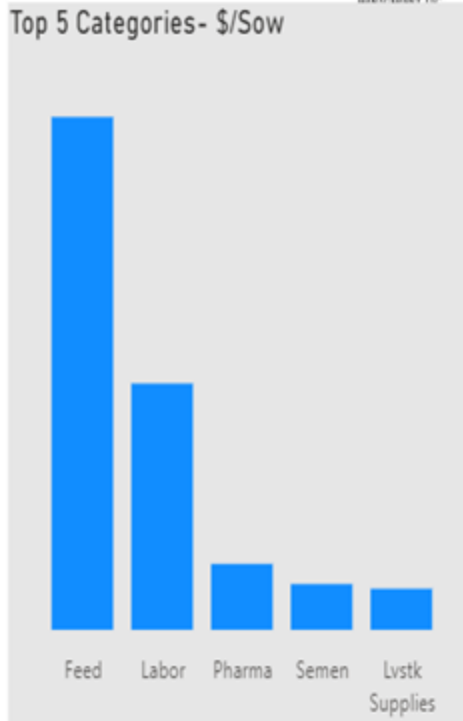
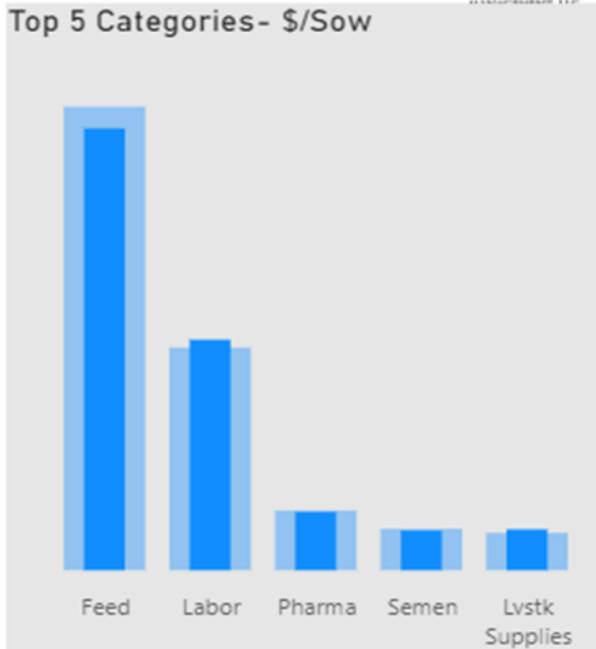
Cost Control Dashboard



- Total
- per Sow**
- per Pig
- Budgets
- Safety
- Turnover
- R&M

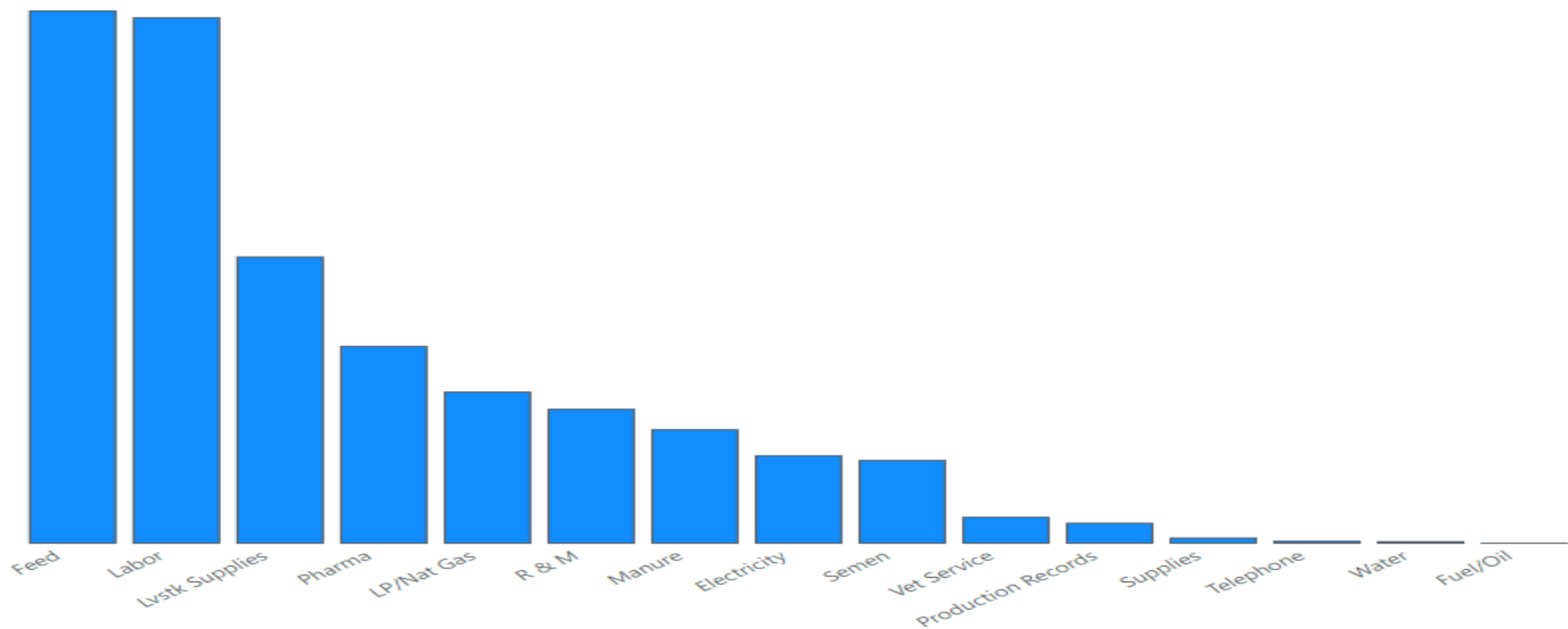
SOW INVENTORY	6197	6076	6016	5971	6112	6198	6221	6222	6258	6329	6233
	2023-08	2023-09	2023-10	2023-11	2023-12	2024-01	2024-02	2024-03	2024-04	2024-05	2024-06

- Biologicals
- Electricity
- Feed
- Freight Net
- Fuel/Oil
- Labor
- LP/Nat Gas
- Lvstk Supplies
- Manure
- Misc Expense
- Pharma
- Piglet Vaccines
- Production Records
- R & M
- Semen
- Supplies
- Telephone
- Vet Service
- Waste Removal
- Water

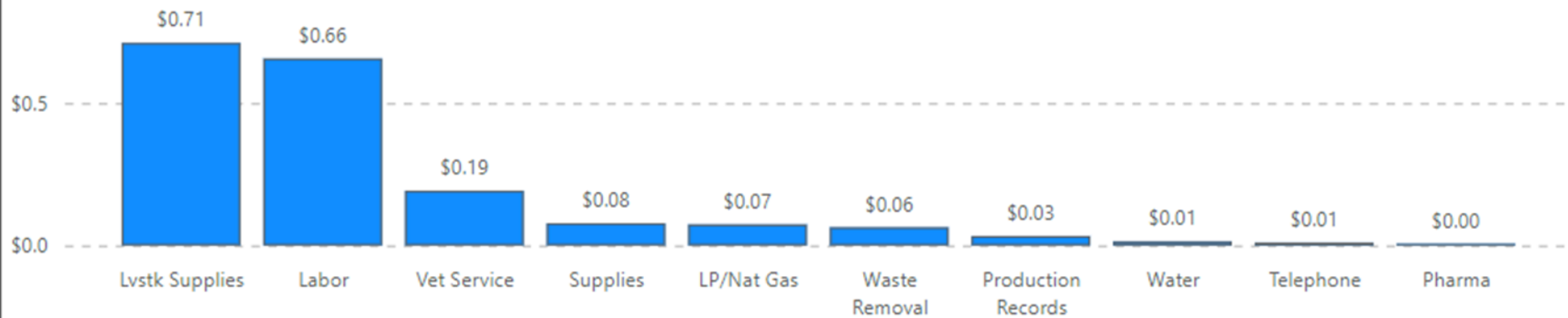


AI Generated Insights

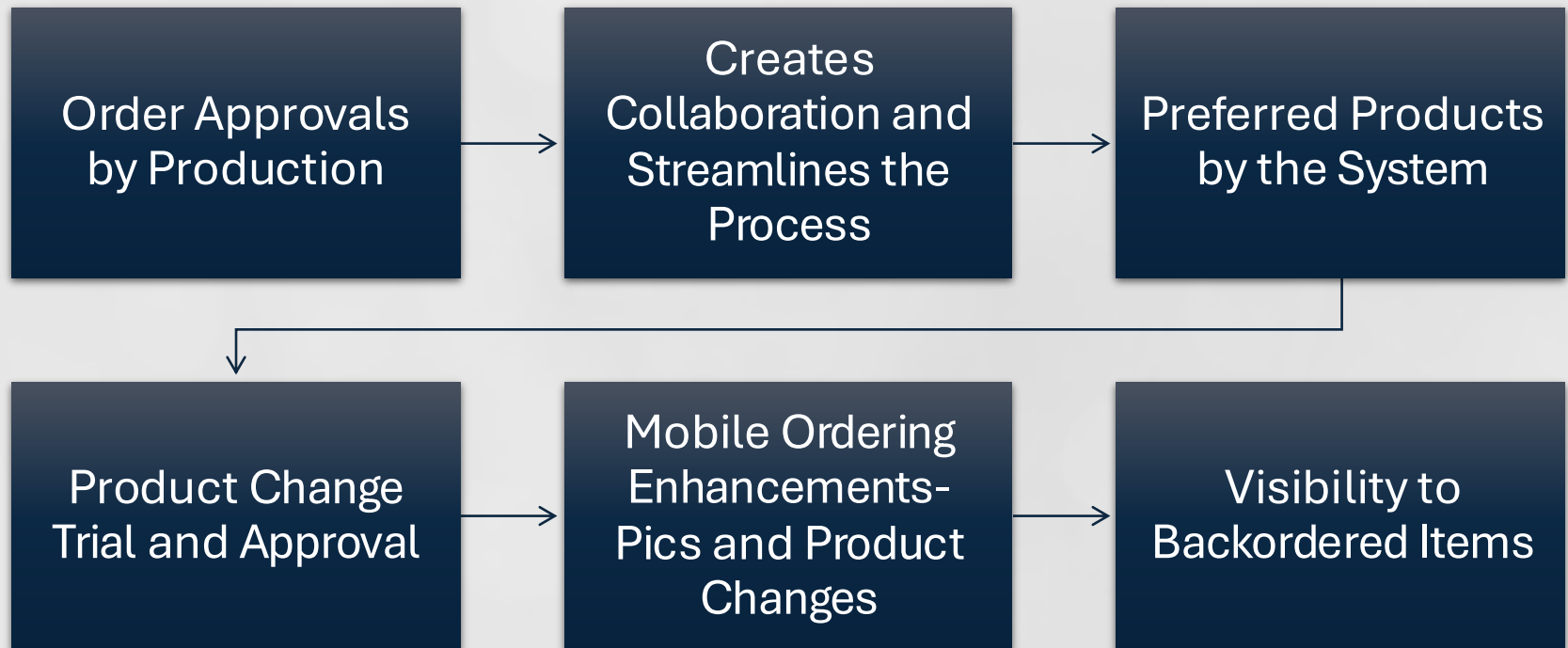
Over Budget Areas



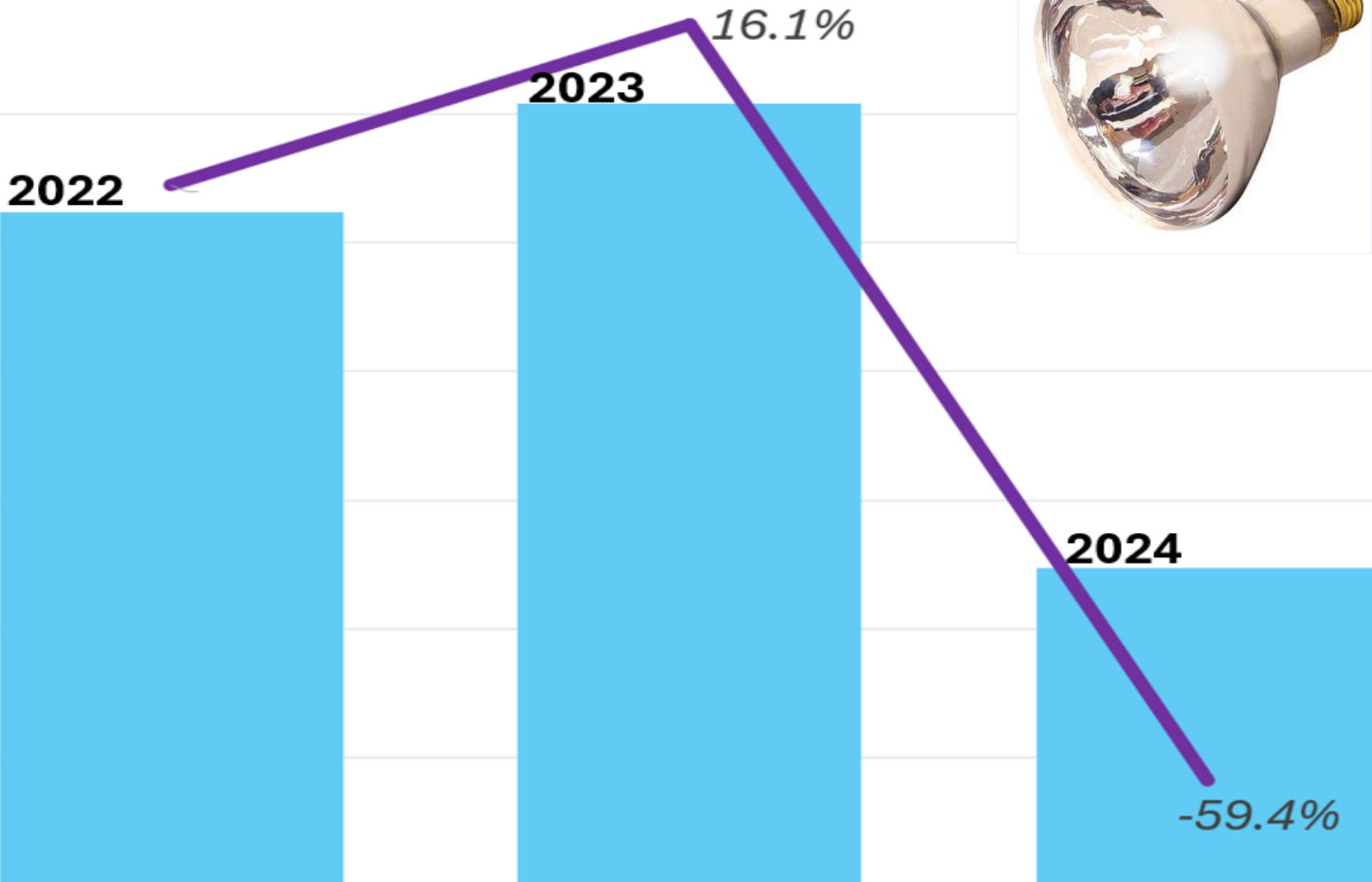
Over Budget Areas



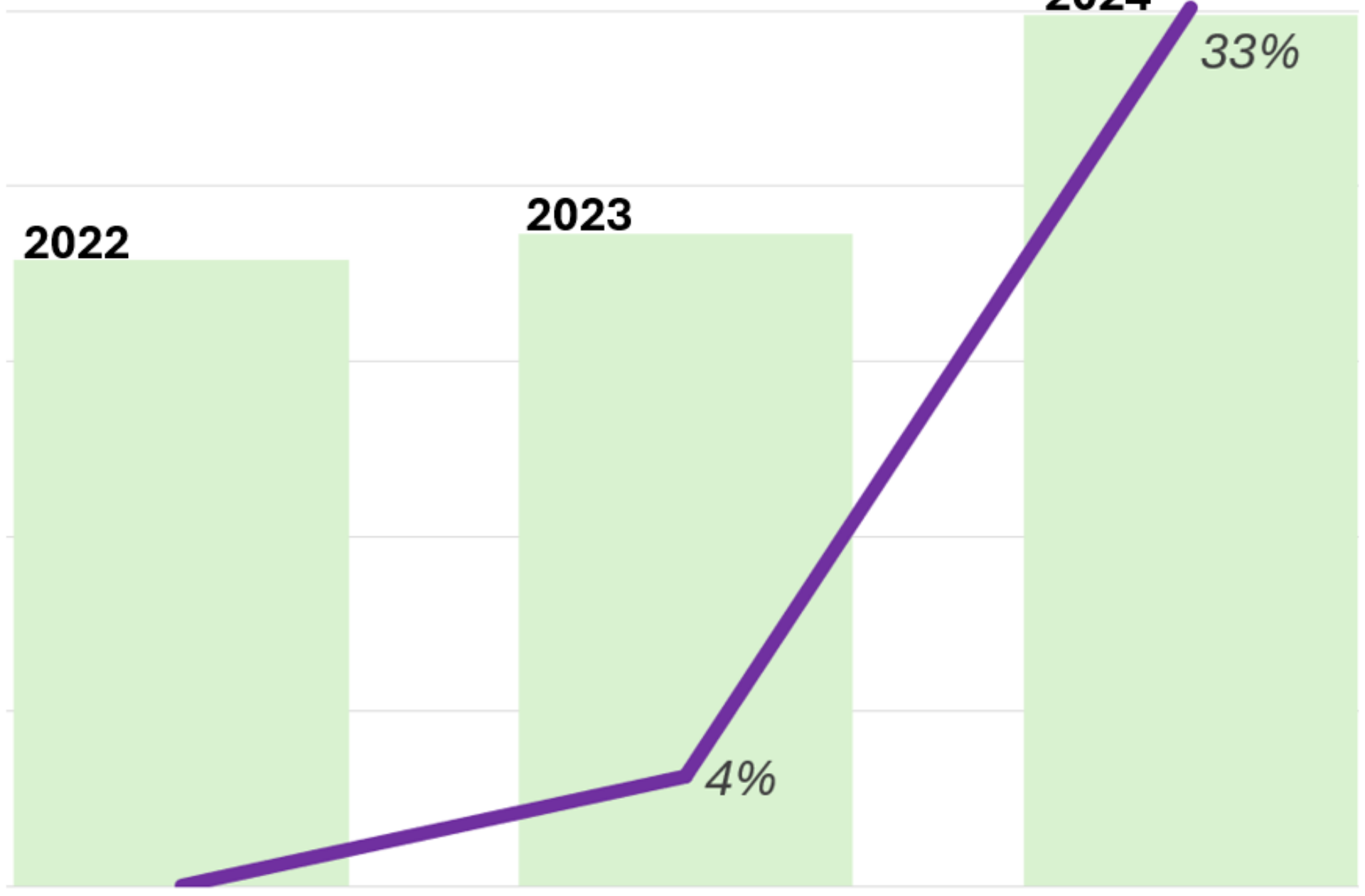
Supply Approval and Options



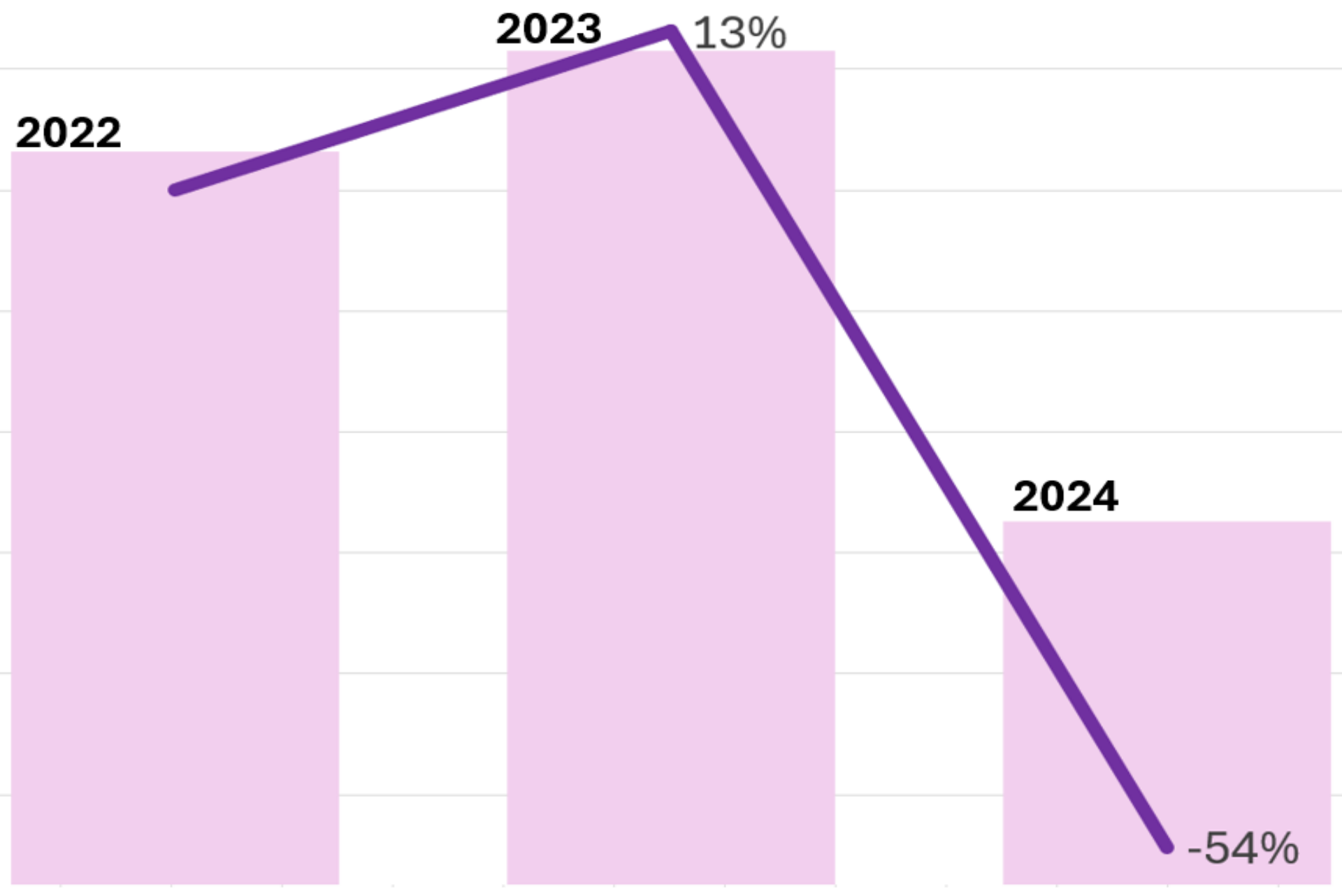
Heat Lamp Bulbs Spend Per Sow Rolling 12-Months



Heat Lamp Bulbs Qty Purchased Rolling 12-Months



Drying Agents Spend Per Sow Rolling 12-Months



Water Audit Program

- Farm teams can get “barn blind” to small leaks
 - Expect to fix water use by turning off a fire hose
 - Unfortunately, it is usually many small things that run 24/7
-
- Created a water audit program to give guidance on everything that needs checked
 - Documented EVERYTHING that is leaking/running over
 - Then we quantify to determine if you have found the fix or not

Water Audit Example

- Water use is tracked weekly by farm and charted against the system average
- We had a farm that was 4 gallons/sow/day above system average
- Had water meters in every barn. We knew issue was in farrowing house
- Focused the water audit on the farrowing house

Farrowing House Water Audit

Room	Leaking Piglet Nipples	Feeders Overflowing	Incoming Water Pressure	Other
1	11	1	16	
2	9	0	Gauge Broken	
3	16	0	16	
4	11	2	20?	
5	16	1	20	
6	19	1	16	
7	9	1	Forgot to read	} Lost Notes Room Empty
8	8	0	17	
9	3	20	Forgot to read	
10	Washing at the time—did not go in			
11	22	1	Could not read	
12				
13				
14				
15				
16	10	0	14	Broken fitting spraying
17	4	0	12	
18	9	2	15	
19	0	0	13	
20	2	0	14	
Total	150	29		

Quantifying The Audit

Approximately 250 water nipples running out

10 oz per minute flow estimated by comparing flow to kitchen sink

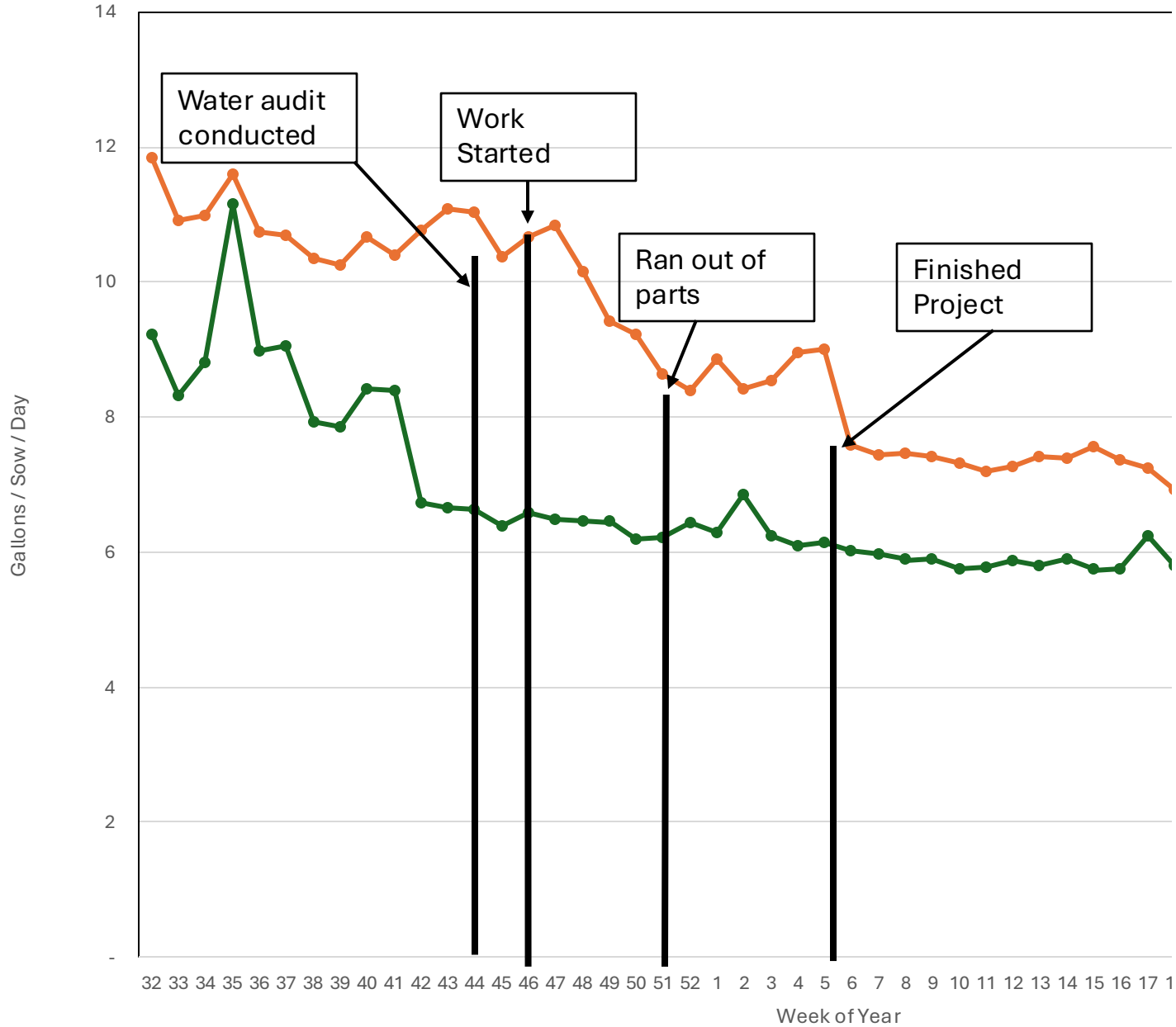
250 nipples x 10 oz per minute x 1440 minutes per day

=28,125 gallons per day or 4.7 gallons per sow per day

Did we find the whole problem???

Do the work and see what happens...

Farm vs SYS 52 Weeks



Results

Went from ~11 gallons/sow/day
to 7.5 gallons/sow/day

3.5 gallons x 6000 sows =
21,000 gallons/day

= ~7.5 million gallons/year

7.5 million gallons x \$0.018 per
gallon manure pumping cost

- = **\$135,000 savings per year**

Final Thoughts



Get team members started off “RIGHT”



Lay out the career path



Add visibility to cost to create ownership



Best products at the best price



Auditing best processes



Create accountability and the tools to achieve targets

That's all Folks!!!

