

# NEBRASKA DEPT. OF ENVIRONMENT AND ENERGY – UPDATE & VISION

**Jim Macy**  
**Director**

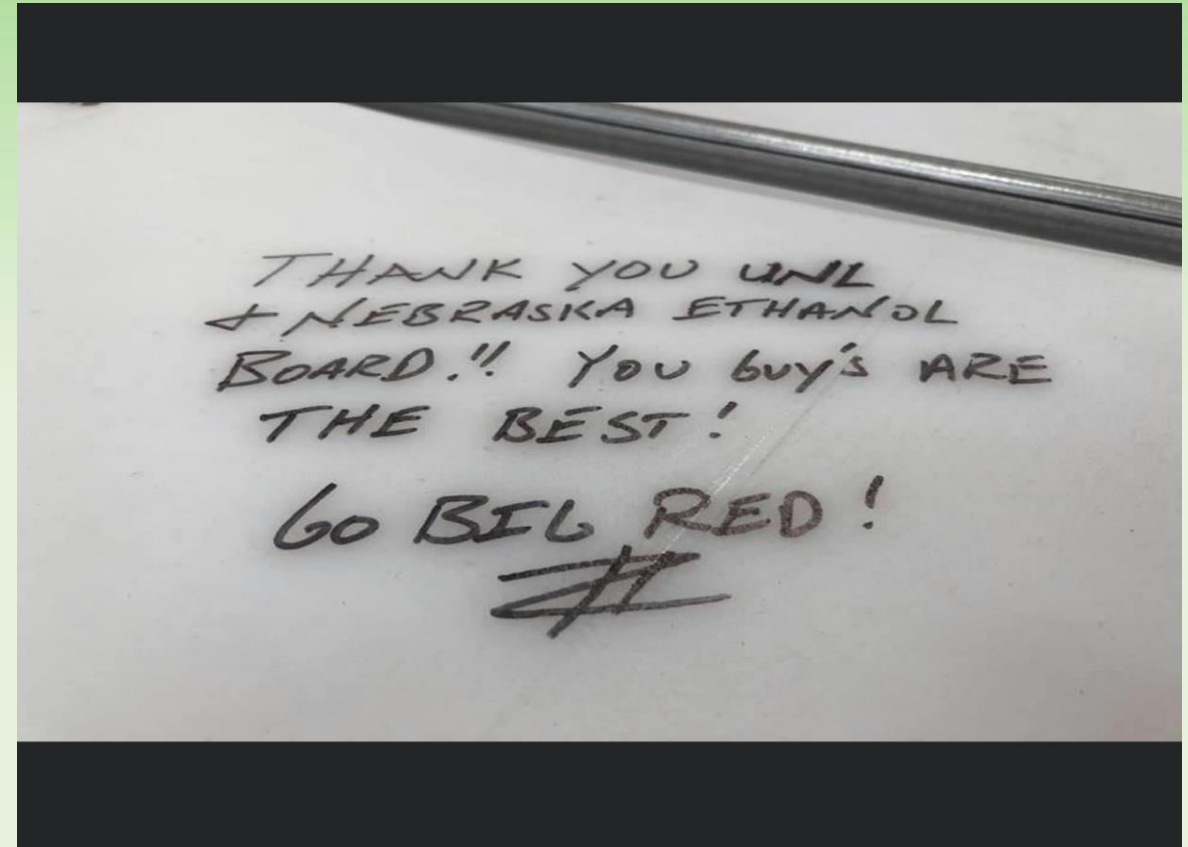
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- Make compliance easy to understand
- Provide outreach to regulated community
- Be responsive, helpful and transparent

We create opportunity for more efficient, more effective and customer-focused state government.

# Nebraska COVID-19

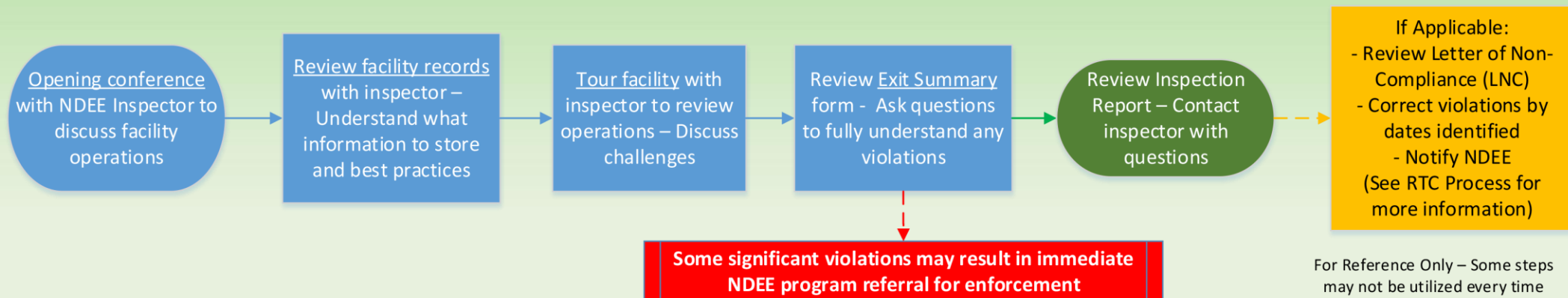
- Making hand sanitizer from ethanol
- In the end we produced in excess of ~~210,000~~ <sup>200,000</sup> of high quality hand sanitizer with a retail value of 20-30 million dollars all given away free of charge.







# NDEE Inspection Process



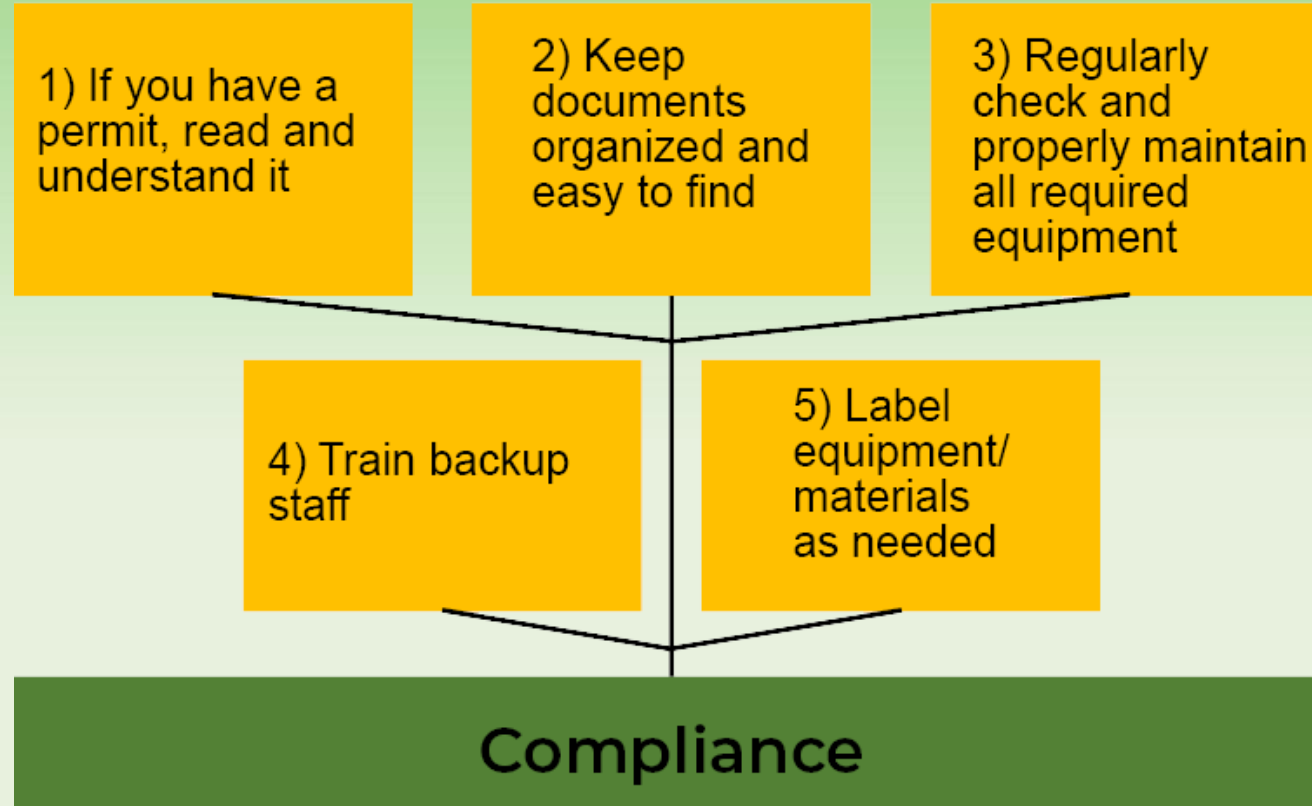


## Records that may be reviewed during an inspection

*Records depend on the program conducting the inspection. This list is not comprehensive.*

- Facility process information
- Analytical results for waste determinations
- Annual reports
- Self-monitoring reports
- Operation records
- Training records
- Waste handling and disposal information
- Current permits or fact sheets
- Previous non-compliance letters
- Supplemental documents for applications/permits
- Maintenance schedules and records
- Material purchasing records
- Hazardous and nonhazardous waste manifests
- Air emissions data, water discharge data, and other monitoring data
- Emergency response and spill control procedures and plans
- Engineering assessments
- Landfill receipts or other bills of lading

## Paths to Compliance



## Pitfalls to Avoid

1) Allowing violations that threaten human health and/or the environment

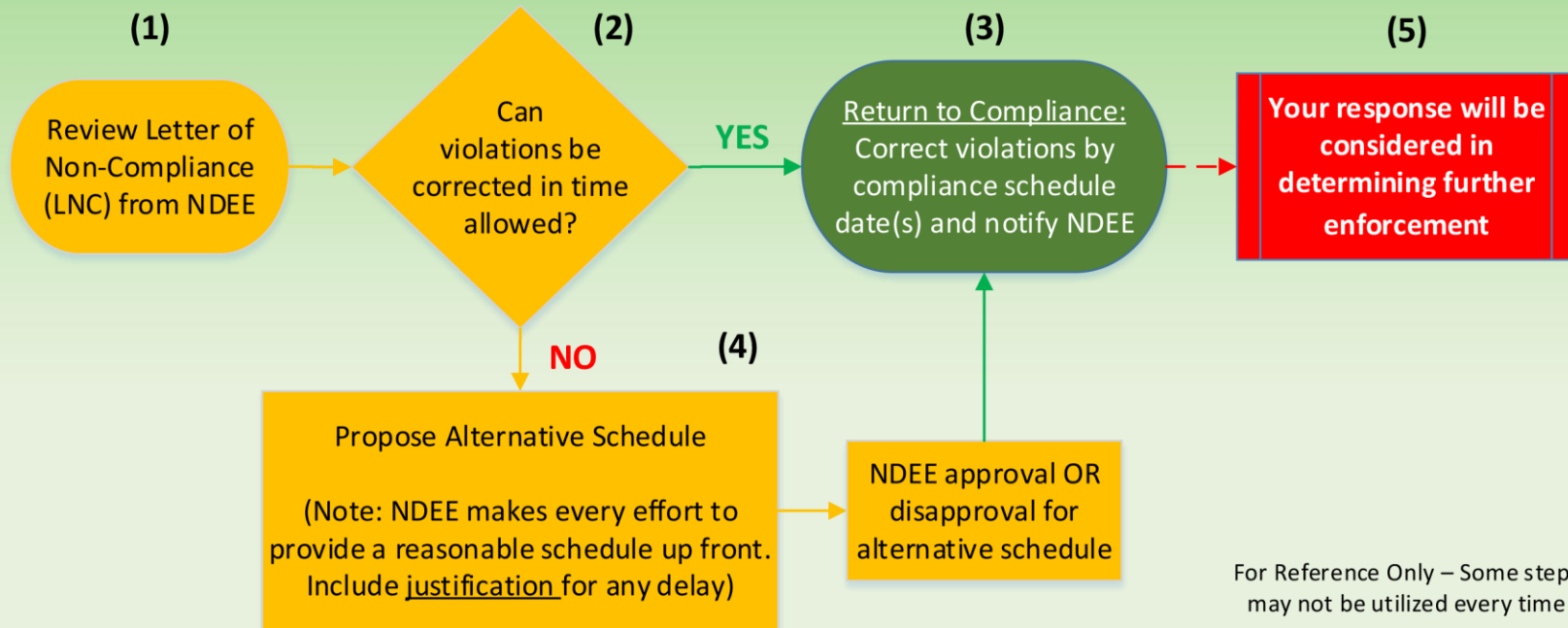
2) Failing to correct compliance violations in allowed time frame as outlined in LNC

3) Claiming violations were corrected, but upon re-inspection, violations continue

**Enforcement**



# NDEE Compliance Process



	(PROJECT SPECIFIC) Construction Permits	(SOURCE WIDE) Operating Permits
WHEN NEEDED	Exceed CP thresholds (PTE in TPY)	Exceed OP thresholds (submit application regardless within 12 mos. of start up)
WHAT THEY DO?	Allows to build and start operation (SHORT TERM)	Allows to operate and includes <u>ALL</u> CPs issued. (LONG TERM)
CONTENT	Prescribes limits, <u>INITIAL</u> emissions testing (sometimes subsequent IF/UNTIL AN OP is issued.	Keeps CP limits and/or can set <u>more</u> stringent limits; includes <u>PERIODIC</u> emissions testing requirements.

Current SO<sub>2</sub> and CO limits (SIO)

SO<sub>2</sub> - 9.53 lb/hr (41.7 TPY)  
 CO - 20.70 lb/hr (90.67 TPY)

NDEE  
 Q: What is the basis for these limitations?

CP Testing Requirements

(current)  
 OP Testing Requirements

CPs: 2006 within 60 days of reaching MAX capacity OR 2010 180 days from start up.

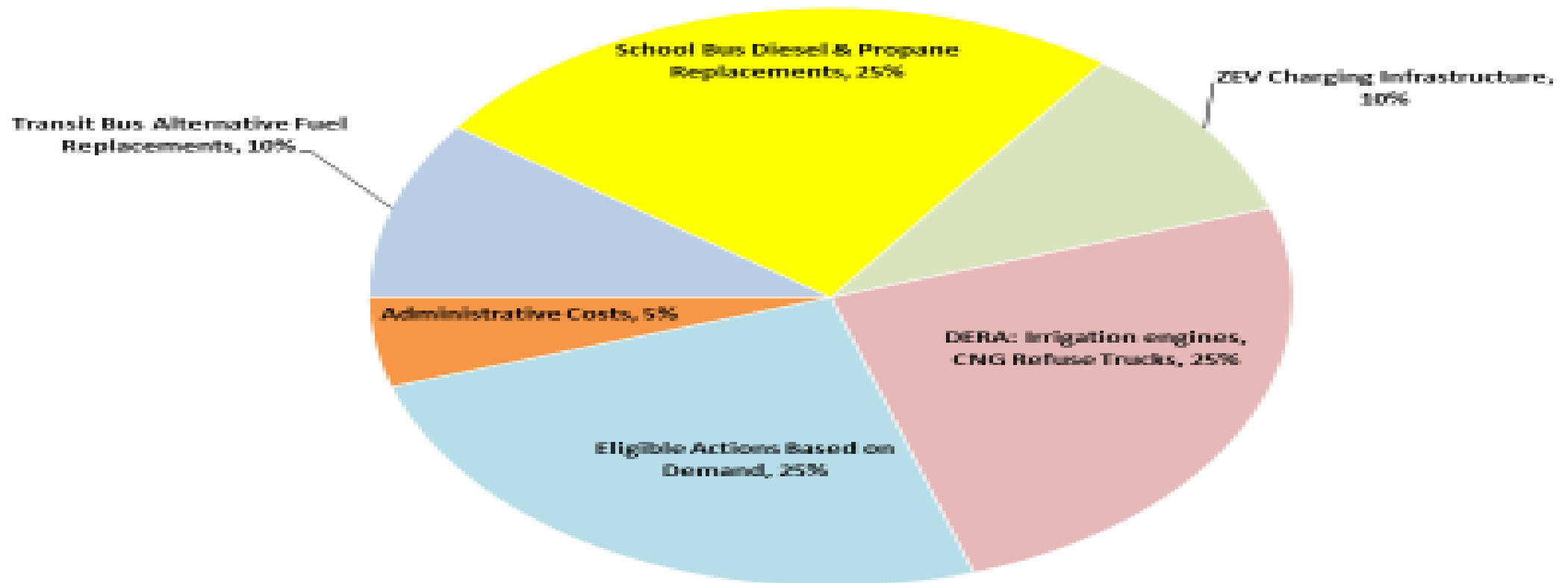
within 12 mos. of permit issuance (12/12/10) and every 3 years thereafter.

NDEE  
 Q: If required, how are we to demonstrate compliance?

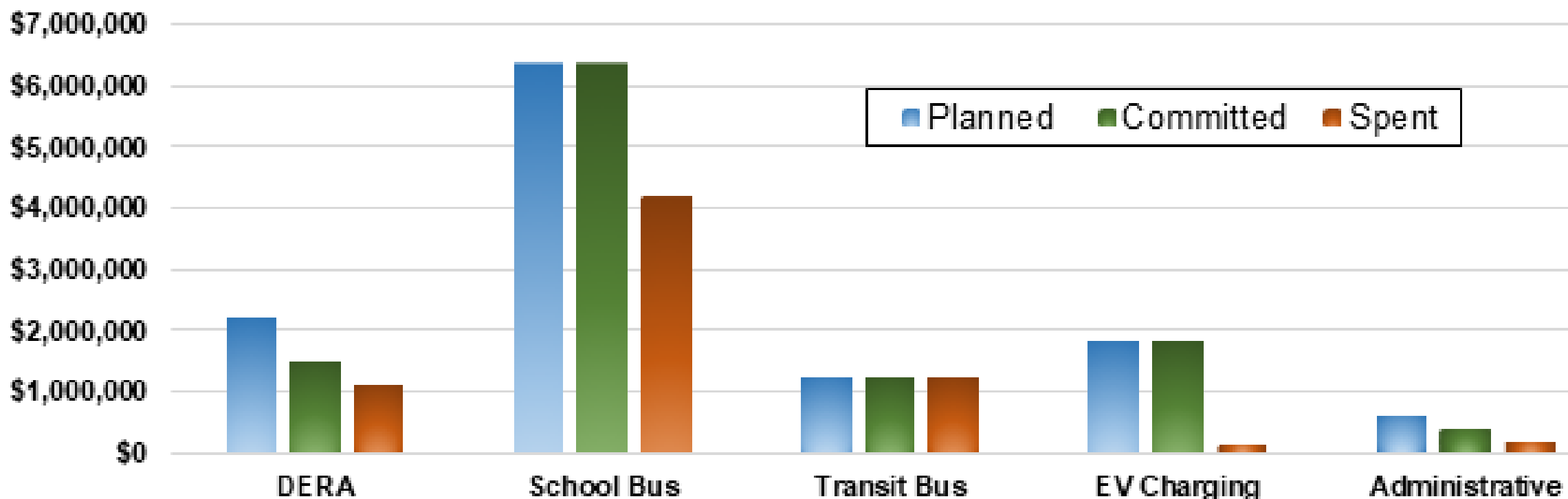
tested in 2008

tested in March 2020 (LATE)  
 Next test: March 2023

# Volkswagen Trust Mitigation Plan Development

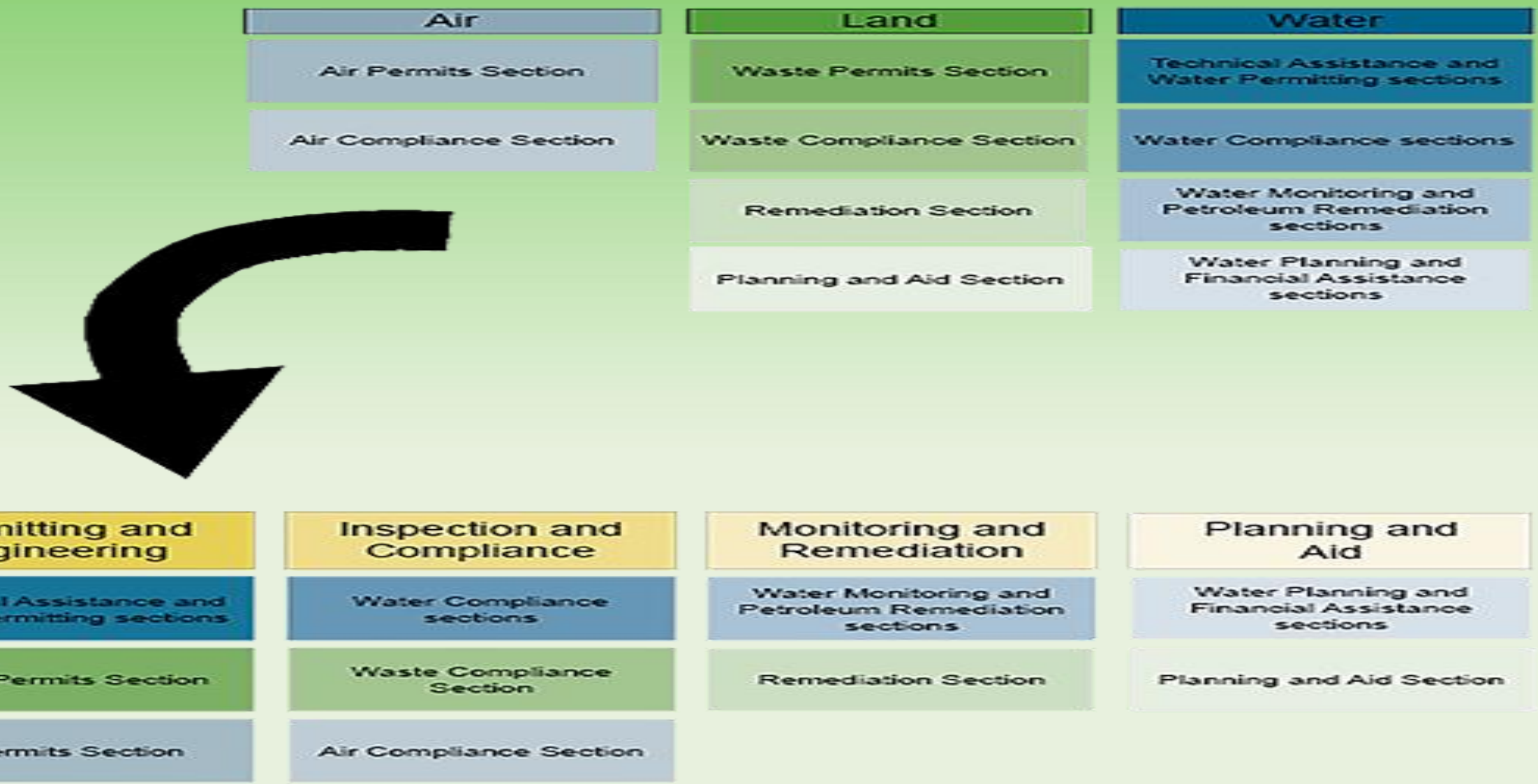


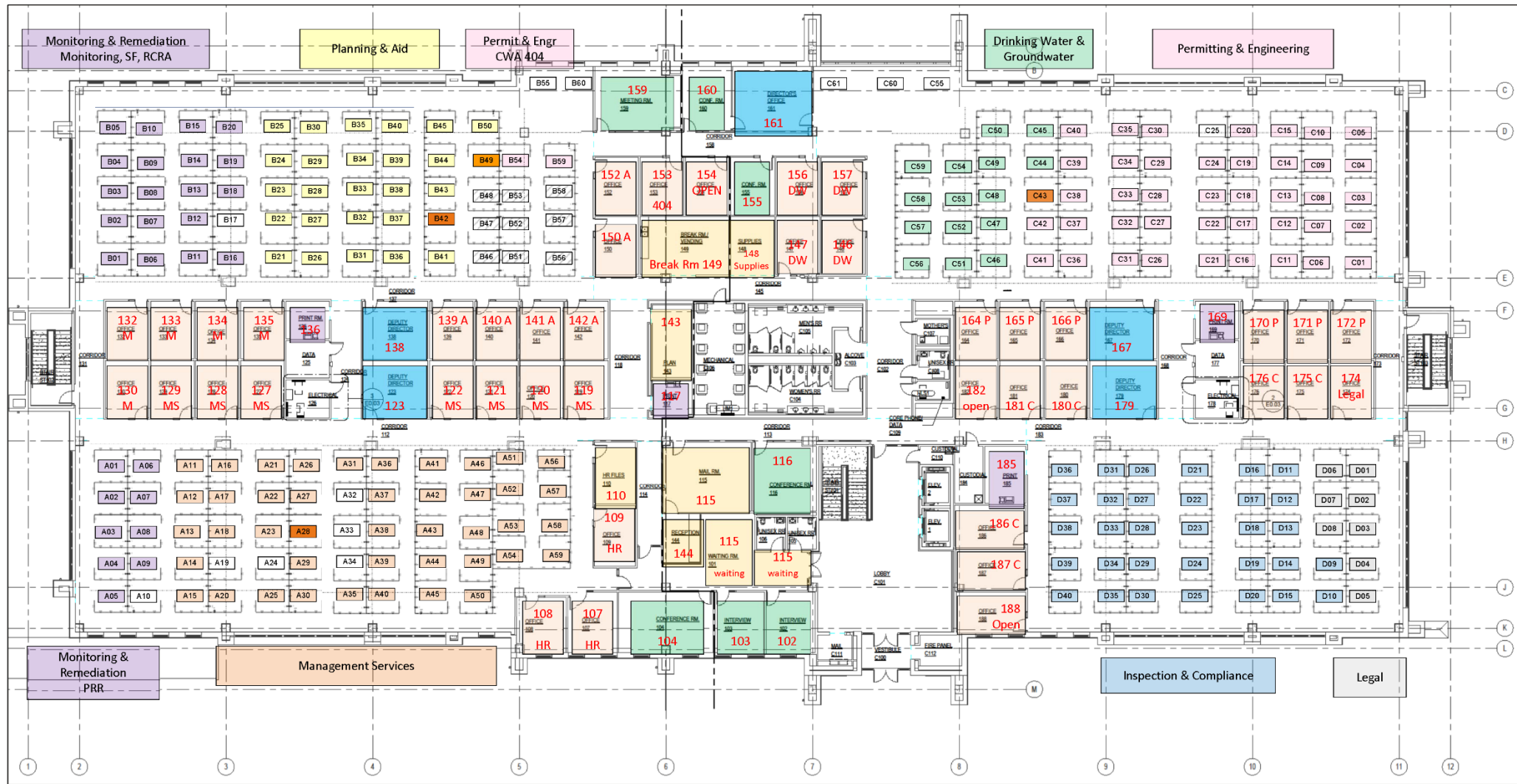
### VW Funding Categories: Planned, Committed, & Spent



	Land	Air	Water	Drinking water	Energy
Permitting and Engineering	Waste Permits Section	Air Permits Section	Technical Assistance, NPDES & State Permits, and CWA 404 sections		
Inspection and Compliance	Waste Compliance Section	Air Compliance Section	NPDES, OnSite, and Livestock Compliance sections		
Monitoring and Remediation	Remediation Section		Surface Water Monitoring and Petroleum Remediation sections		
Planning and Aid	Planning and Aid Section		Water Planning and State Revolving Fund sections		DESL and Weatherization & State Energy Programs Sections
Drinking water and Groundwater			Groundwater Section	Drinking Water Monitoring & Compliance and Drinking Water Field Services sections	











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# Everything that was old is new again

- RFS
- Once in, always in
- Environmental justice
- WOTUS
- PFOA/PFOS
- PM/PM10/PM2.5
- More to come?

# Alt En

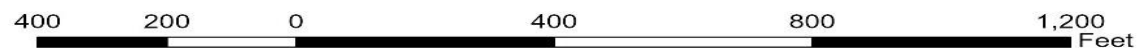
- Two tracks – AGO complaint Filed March 1, 2021 & 6 Seed companies VCP application
- Plan details – November 1, 2021
- Interim measures continue
- Testing, Inspections and Community Outreach
- Portal updates weekly



## AltEn LLC - Poseidon Tank Location Map DRAFT



Address: 11344 County Road 10, Mead NE  
NDEQ ID: 84069  
Program ID: NE0137634





## AltEn LLC - Storm Water Temporary BMP Check Map



Temporary Berm 

Poseidon Tank 

AltEn East SW Flowline 

SWOP 

Address: 11344 County Road 10, Mead NE  
NDEQ ID: 84069  
Program ID: NE0137634





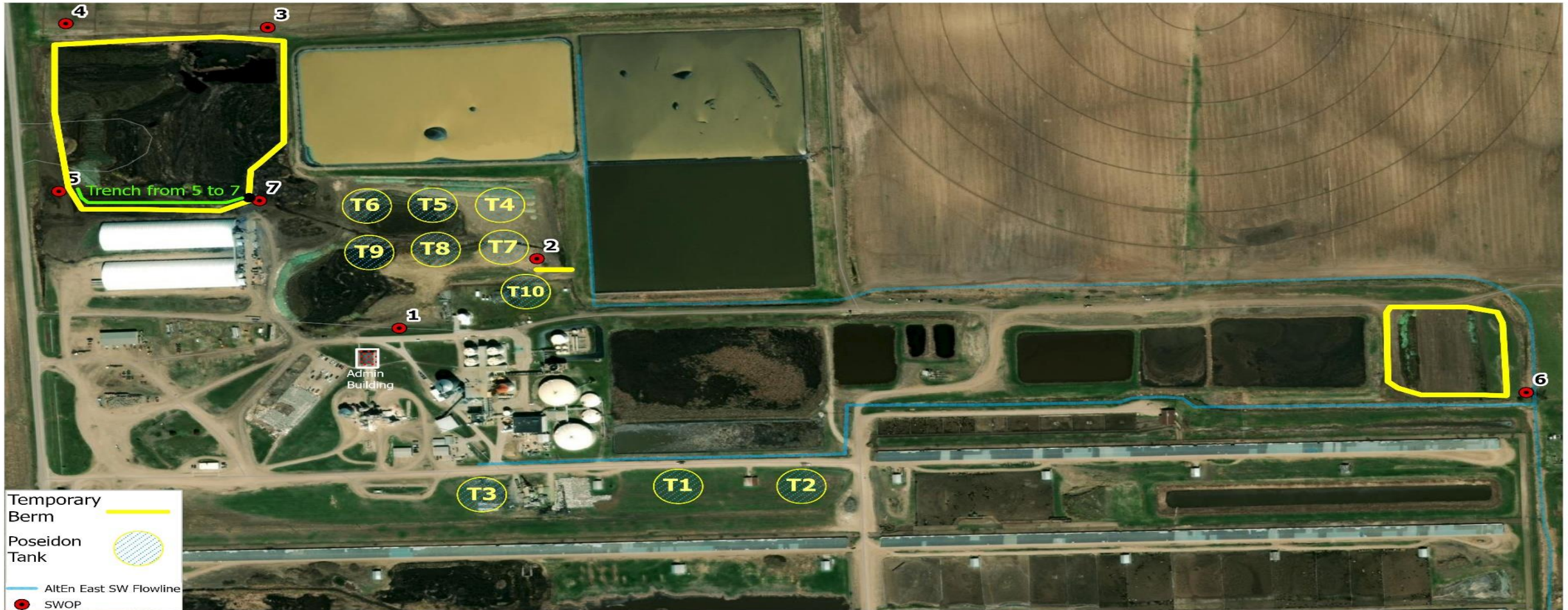
NEBRASKA

Good Life. Great Resources.





## AltEn LLC - Storm Water Temporary BMP Check Map



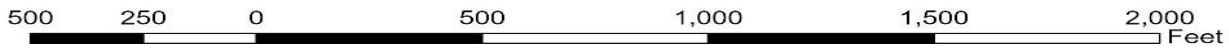
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## Private Drinking Water Well

Compound	Sample Result	Human Health Benchmark for Drinking Water
Mefenoxam	0.06 micrograms/liter (µg/L)	474 µg/L
Thiamethoxam	0.85 µg/L	77 µg/L
Clothianidin	1.3 µg/L	630 µg/L

## Public Water Supply Well

Compound	Sample Result #1	Human Health Benchmark for Drinking Water
Clothianidin	0.071 µg/L	630 µg/L
	Sample Result #2	
Clothianidin	.39 µg/L	630 µg/L























































The Department of Environment and Energy staff conducts inspections and assistance visits at facilities you are affiliated with. We want to send out this survey in a manner that does not collect “data” of “who” we inspected. This is why we ask you to assist us.

The purpose is to improve our professionalism and assistance in keeping our regulated permit holders in compliance. If they have had an inspection/assistance visit in the last year 2019-2020, we would like them to complete a short survey regarding their inspection/assistance process. We would like you to send this out so we can collect data before November 15, 2020.

Please let me know by email that you are willing to help and about how many surveys we might expect from your contact list.

The survey can be found at this link: <https://www.surveymonkey.com/r/CCDHRJ6>

or by scanning the following QR code with your smart phone.



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