

# **Industrial Stormwater Success Stories: From Clueless to Superstars**

18<sup>th</sup> Annual USEPA Region 6 SW/MS4 Conference

Tuesday, Oct 4, 2016

Kerri McCabe, Inspector Supervisor

[mccabe@adeq.state.ar.us](mailto:mccabe@adeq.state.ar.us)

ADEQ – Office of Water Quality

Compliance Branch

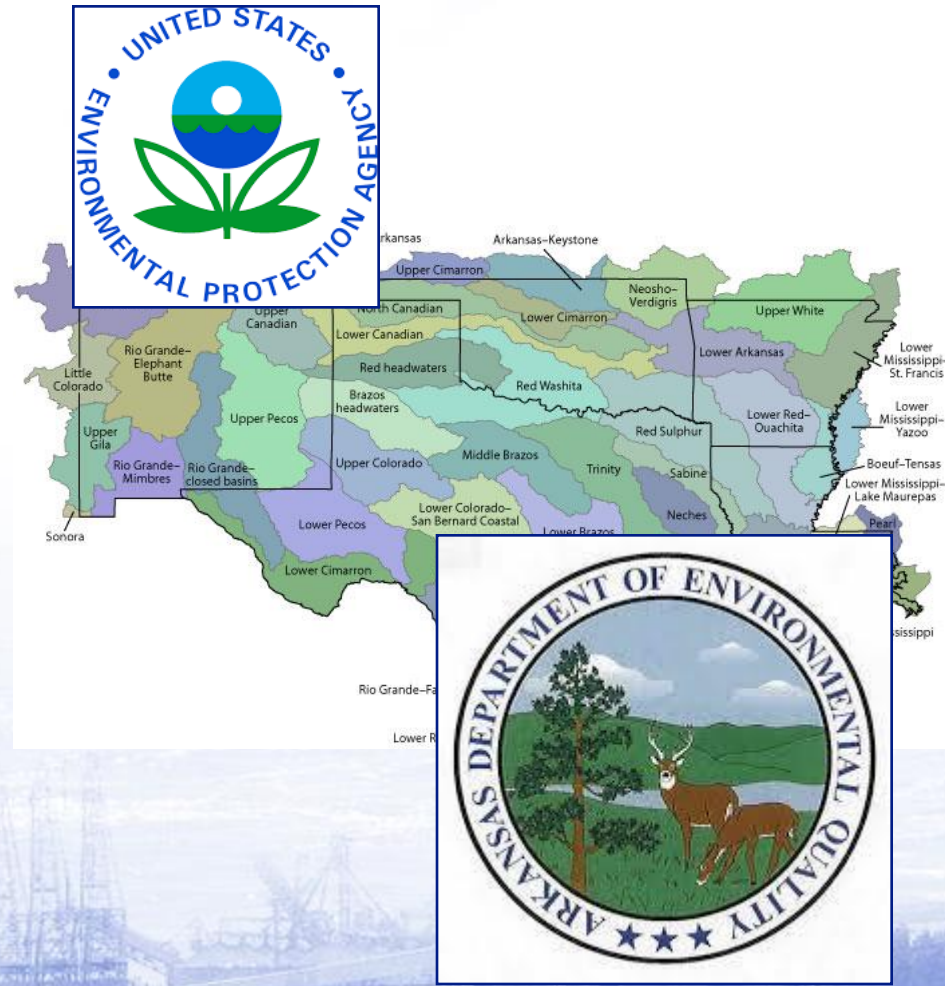
The background of the slide is a faded, blue-tinted photograph of a busy industrial port. Numerous large gantry cranes are visible, along with several cargo ships docked at the piers. The scene is set against a light sky, and the overall image has a soft, hazy quality.

Part I: Overview of Arkansas' Stormwater Industrial General Permit (IGP)

# **INDUSTRIAL STORMWATER SUCCESS STORIES**

# Part I: Overview

- The State of Arkansas, as delegated by USEPA through the NPDES permitting program, requires the Stormwater Industrial General Permit (IGP) for regulated industrial activities that discharge stormwater.
- Arkansas does not utilize the Multi-sector General Permit (MSGP); however, facilities that fall under multiple sectors are covered under a single IGP, and each sector's activities are included with the facility's Stormwater Pollution Prevention Plan (SWPPP).





# Part I: Overview



- Additionally, some facilities fall under regulated industrial sectors; however, discharged stormwater is not exposed to any of the industrial activities.
- These facilities are still required to obtain the IGP, but can apply for the conditional No-Exposure Exclusion certification; 40 CFR 122.26(g).



# Part I: Overview

- Industrial activities are based on Standard Industrial Classification (SIC) Codes and Industrial Activity Codes; 40 CFR 122.26(b)(14)(i-ix, xi).
- Arkansas has thirty sectors (Sectors A-AD).
- Sector AD is Non-Classified Facilities, and only the Director of ADEQ can assign facilities to this sector.
- Additionally, ADEQ can require facilities to obtain an individual NPDES permit for contaminated stormwater and include conditions that are more stringent than the general permit.



## Part I: Overview



- Once industrial activities are determined to fall under an applicable sector (eligibility), the facility is required to develop a SWPPP, complete a Notice of Intent (NOI), and pay the permit fee (per APC&EC Reg #9).
- Facilities not discharging industrial stormwater must complete the No-Exposure Certification Form and pay the permit fee.

The background of the slide is a faded, blue-tinted photograph of a busy industrial port. Numerous large gantry cranes are visible, along with several cargo ships docked at the piers. The scene is set against a light sky, and the overall image has a hazy, atmospheric quality.

Part II: Common Violations Associated with IGP Inspections

# **INDUSTRIAL STORMWATER SUCCESS STORIES**



## Part II: Common Violations

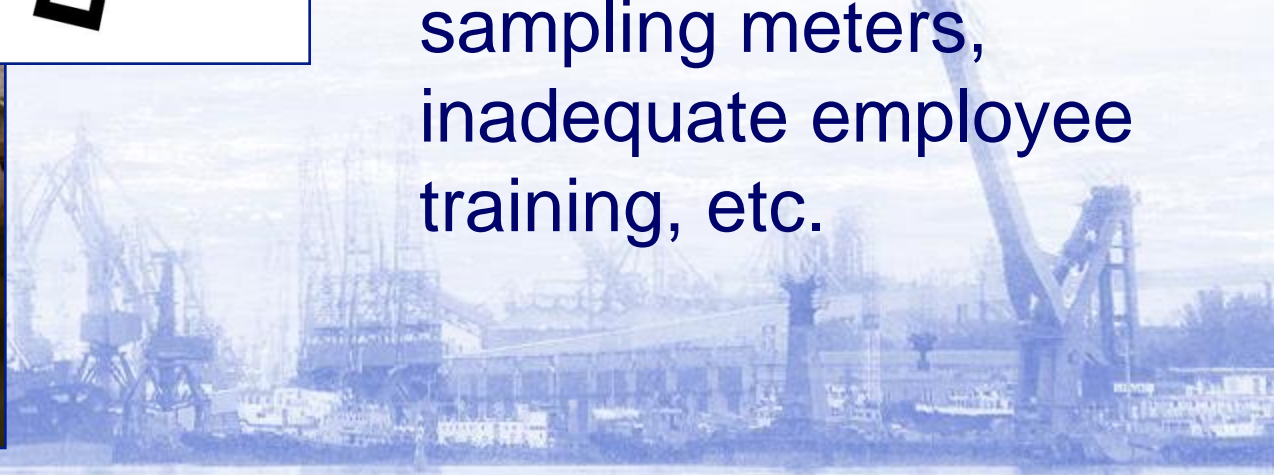
- Violations with IGP inspections fall into two categories:
- (1) Immediate threat to the environment and waters of the State.
- Examples: inadequate spill prevention and response procedures, unpermitted facilities, lack of Best Management Practices (BMPs), etc.



## Part II: Common Violations



- (2) Self-monitoring conditions of the general permit.
- Examples: not completing site inspections, not calibrating onsite sampling meters, inadequate employee training, etc.





## Part II: Common Violations

- Both categories are equally important, but for different reasons.
- Although violations associated with immediate threat to the environment and waters of the State are usually more visual, the so-called “paperwork” violations demonstrate that the permittee isn’t evaluating the site for potential issues or addressing issues when they arise.





## Part II: Common Violations



- For the Compliance Branch in the Office of Water Quality at ADEQ, the District Field Inspector is the first step in compliance.
- The site is inspected, violations are cited in a letter to the permittee, and the permittee has a timeframe to correct the cited violations.

## Part II: Common Violations

- If the permittee fails to adequately address the cited violations in the inspection report, the case is directed to the Enforcement Branch of the Office of Water Quality.
- Depending on the severity of the case, the Enforcement Branch may conduct a correspondence follow-up with the permittee or draft a Consent Administrative Order (CAO), which includes corrective action plans and civil penalties.
- The vast majority of stormwater inspections do not require formal enforcement.



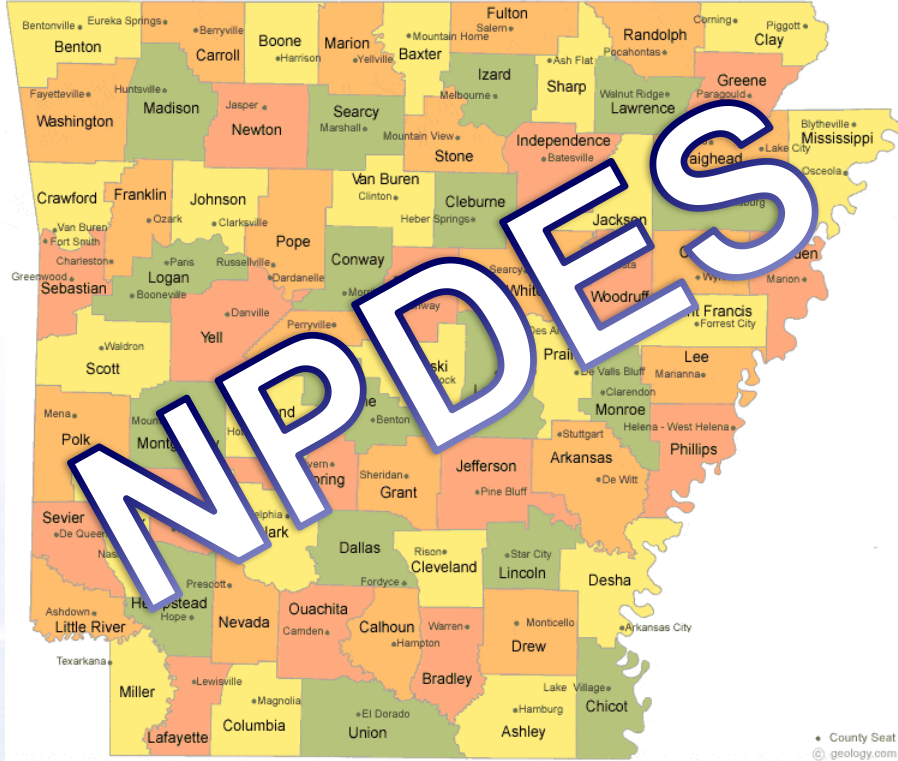
The background of the slide is a faded, blue-tinted photograph of a busy industrial port. Numerous large gantry cranes are visible, some positioned over ships docked at the pier. The scene is hazy, suggesting a distant or elevated viewpoint. The overall color palette is a monochromatic blue, which serves as a backdrop for the white and dark blue text.

Part III: Arkansas IGP Case Studies

# **INDUSTRIAL STORMWATER SUCCESS STORIES**



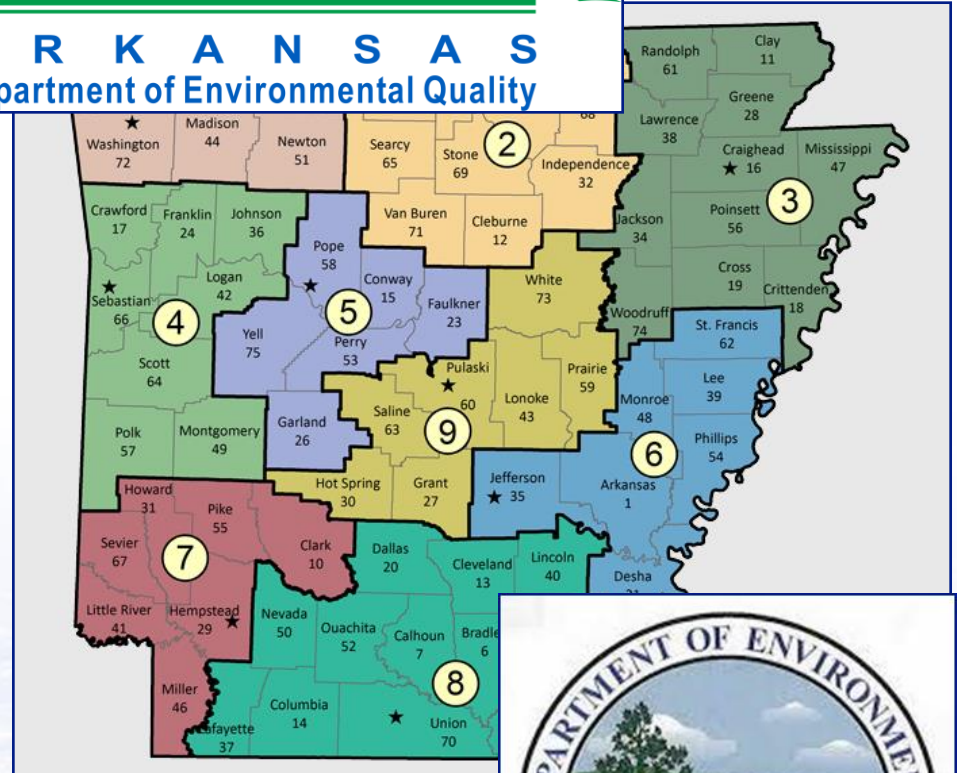
## Part III: Case Studies



- The State of Arkansas has 2037 active IGP.
- With an inspection frequency of once/five years, this is 407 permits per year that are required to be inspected per the Compliance Monitoring Strategy (CMS; Section 106).

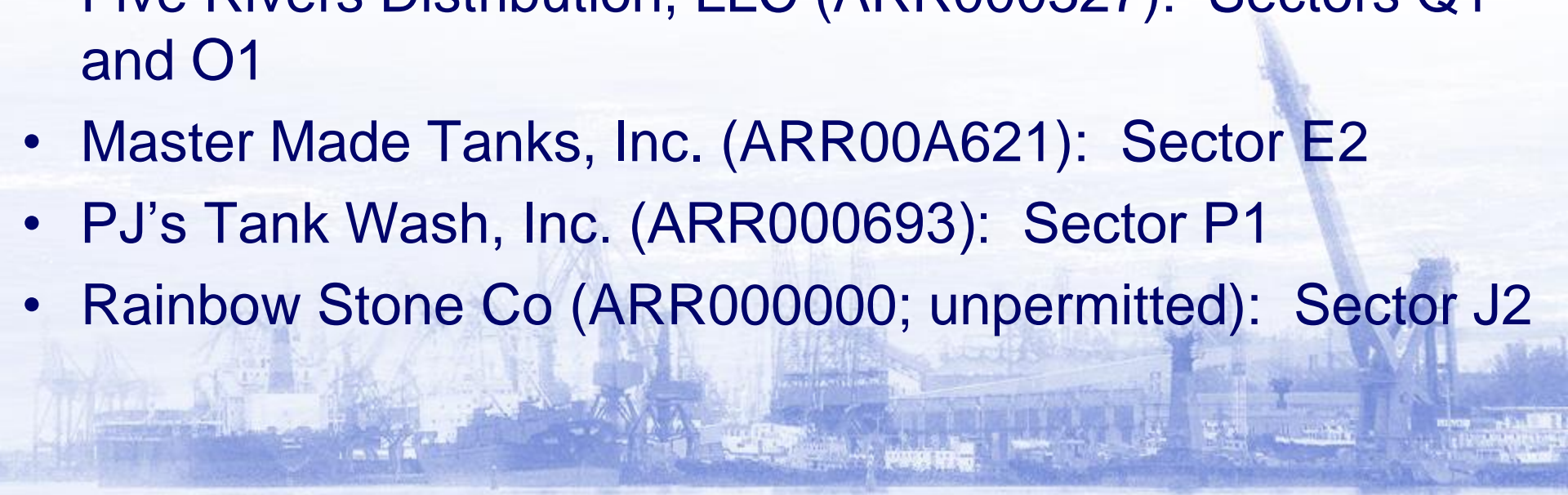
## Part III: Case Studies

- This frequency is not practical due to other Section 106 commitments (i.e., Major/Minor POTW and non-POTW).
- When fully staffed, ADEQ's Compliance Branch of the Office of Water Quality has 17 inspectors to cover 75 counties.
- The Compliance Branch has a goal to inspect 10% of all the active IGPs for a total of 204 inspections per year.



## Part III: Case Studies

- Alvar Resins, Inc. (ARR000968): Sector C5
- Armstrong Harwood Flooring (ARR00C383): Sector A4
- Barfield's U Pull It Auto Parts (ARR000000; unpermitted): Sector M1
- Fish Holdings, LLC (ARR00A663): Sector R1
- Five Rivers Distribution, LLC (ARR000327): Sectors Q1 and O1
- Master Made Tanks, Inc. (ARR00A621): Sector E2
- PJ's Tank Wash, Inc. (ARR000693): Sector P1
- Rainbow Stone Co (ARR000000; unpermitted): Sector J2





**Alvar Resins, Inc.  
(Sector C5);  
Crossett, AR  
(Ashley Co)**

Mac McGoogan Dr

© 2016 Google

Google earth

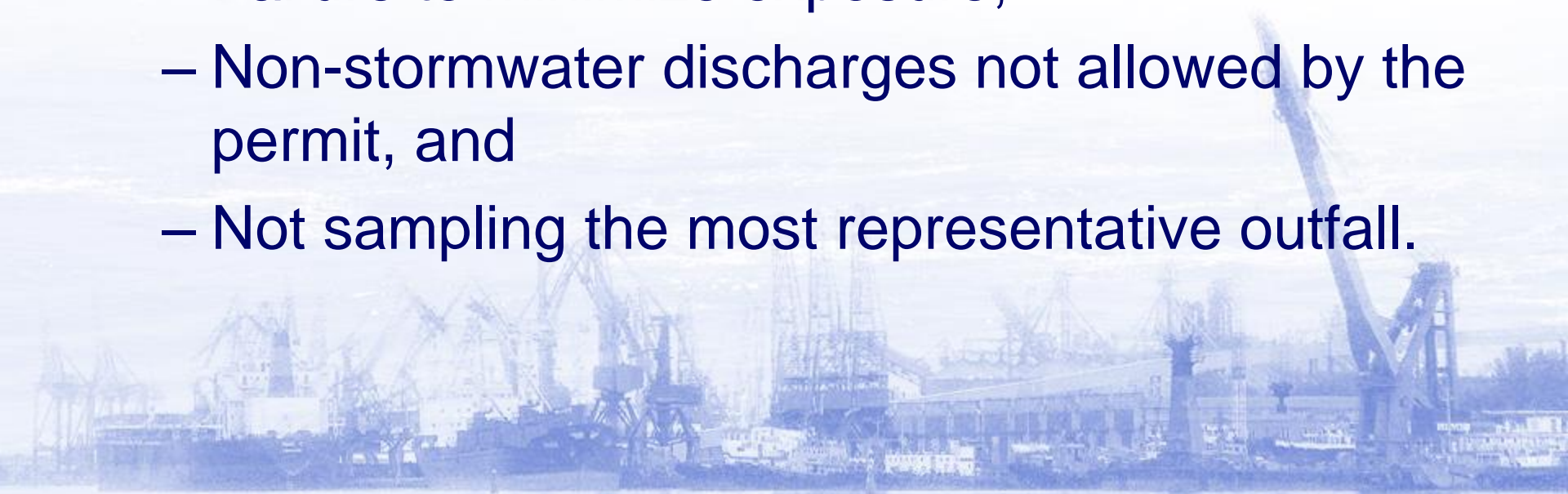
228 ft

1994

Imagery Date: 10/18/2014 lat 33.134302° lon -91.941016° elev 165 ft eye alt 1197 ft

## Part III: Case Studies – Alvar Resins, Inc.

- Facility inspected April 5, 2016.
- Major concerns included:
  - SWPPP not updated,
  - Improper spill prevention and cleanup,
  - Failure to minimize exposure,
  - Non-stormwater discharges not allowed by the permit, and
  - Not sampling the most representative outfall.





**Improper spill  
prevention and  
cleanup**

04.05.2016 12:08





**Failure to minimize  
exposure; loading resin  
into tanker trucks;  
containment inadequate**







**Non-stormwater  
discharge not allowed  
by the permit; cooling  
tower water**

04.05.2016 12:06



**Non-stormwater  
discharge not allowed  
by the permit; pipe from  
interior bathroom sink;  
resin from employee  
hands**

04.05.2016 12:08

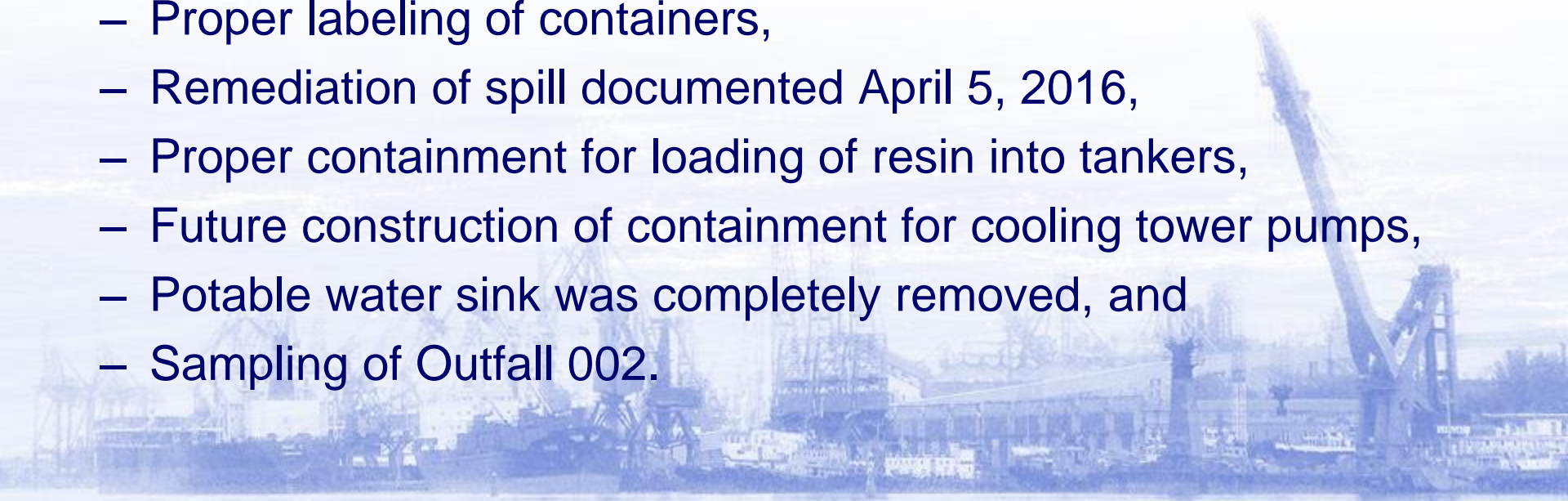


**Figure depicting  
outfalls onsite;  
Outfalls 001 and 003  
are sampled, but are  
not as representative  
as Outfall 002**



## Part III: Case Studies – Alvar Resins, Inc.

- The permittee responded to the violations cited in the inspection report on May 12, 2016.
- Response included:
  - Updated SWPPP to be mailed May 16, 2016,
  - Updated Site Map,
  - Purchase of a pH meter to meet analysis holding time,
  - Proper labeling of containers,
  - Remediation of spill documented April 5, 2016,
  - Proper containment for loading of resin into tankers,
  - Future construction of containment for cooling tower pumps,
  - Potable water sink was completely removed, and
  - Sampling of Outfall 002.







Labeled tanks



# Invoice for pH meter and calibration standards (4, 7, and 10)

Shipped to  
Alrez Inc  
141 Macmeagoogan Dr  
Crossett AR 71635

Mail Payment to      McMaster-Carr  
PO Box 7690  
Chicago IL 60680-7690  
  
Your Account          278388700

Chief Long placed this order.

Line	Product	Ordered	Shipped	Balance	Price	Total
1	1196T33 PH Meter	1 Each	1	0	68.86 Each	68.86
2	21315T397 Calibration Solution for Chemistry Sensor, 7.0 PH, 500 ml	1 Each	1	0	12.00 Each	12.00
Merchandise						80.86
Shipping						7.81
Total						\$88.67

Packing List	Shipped	Weight	Carrier	Tracking
1782902-01	4/11/16	2 lb	FedEx Priority	869591868966



**New resin loading  
containment**





**New containment  
berm for cooling  
tower pumps**



**Armstrong  
Hardwood Flooring  
(Sector A4); Warren,  
AR (Bradley Co)**

Industrial Park Dr

8  
Hwy 63

© 2016 Google

Google earth

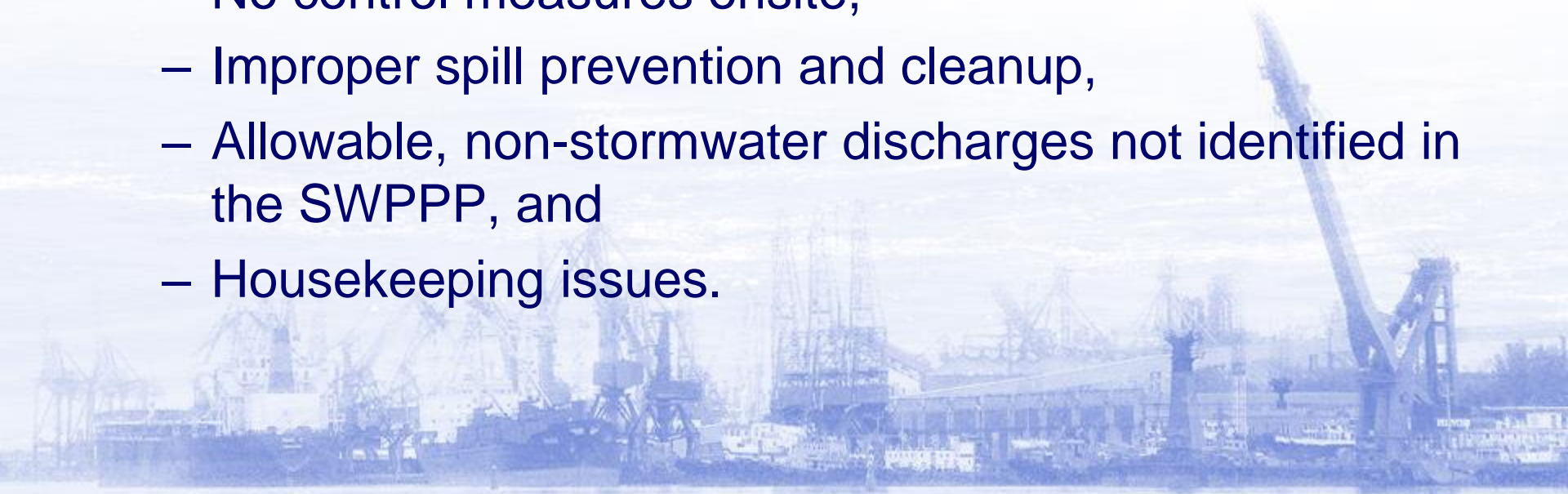
1272 ft

1994

Imagery Date: 12/1/2015 lat 33.581992° lon -92.077529° elev 218 ft eye alt 5790 ft

## Part III: Case Studies – Armstrong Hardwood Flooring

- Facility inspected August 4, 2016 due to Hazardous Waste inspector's concern for discharge pipes and no NPDES discharge permit(s).
- Major concerns included:
  - SWPPP and Site Map missing components,
  - No control measures onsite,
  - Improper spill prevention and cleanup,
  - Allowable, non-stormwater discharges not identified in the SWPPP, and
  - Housekeeping issues.





**Spill that is not  
properly cleaned**



08.04.2016 12:13



**Floor drain in kiln room for  
steam condensate;  
allowable, non-stormwater  
discharge not identified in  
SWPPP**

08.04.2016 12:24



**Drainage pipe for  
allowable, non-  
stormwater discharge  
not identified in SWPPP**

08-04-2016 12:18



**Sawdust and tire rubber  
at outfall; indicating  
housekeeping issues**

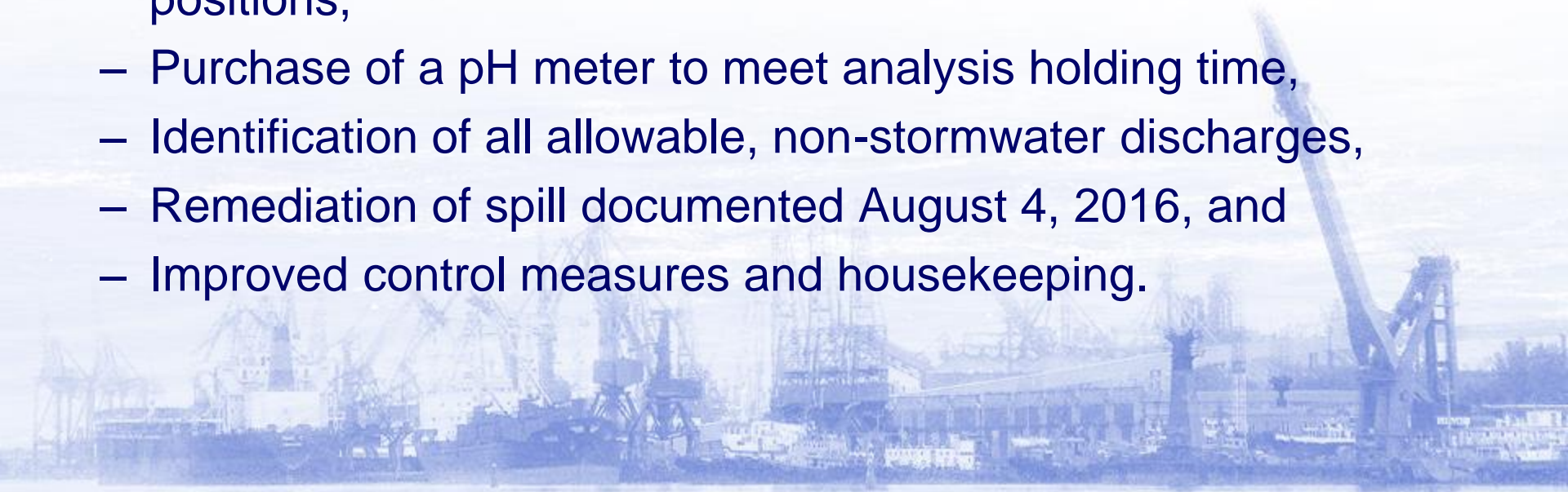


08.04.2016 12:12



## Part III: Case Studies – Armstrong Hardwood Flooring

- The permittee responded to the violations cited in the inspection report on September 2, 2016.
- Response included:
  - Updated SWPPP,
  - Updated Site Map,
  - Added PM schedule to boiler operator and wheel shop mechanic positions,
  - Purchase of a pH meter to meet analysis holding time,
  - Identification of all allowable, non-stormwater discharges,
  - Remediation of spill documented August 4, 2016, and
  - Improved control measures and housekeeping.



# **Arkansas General Permit: ARR000000**

General Permit Tracking Number: ARR00C383

SIC Code: 2426      NAICS Code: 321918

## **Revised SWPPP**

### **STORM WATER POLLUTION PREVENTION PLAN FOR INDUSTRIAL ACTIVITY**

**Revision #1  
December 2004**

**Revision # 2  
November 2005**

**Revision #3  
November 2006**

**Revision #4  
November 2007**

**Revision #5  
November 2008**

**Revision #6  
October 2009**

**Revision #7  
September 2010**

**Revision #8  
January 2011**

**Revision #9  
October 2011**

**Revision #10  
September 2012**

**Revision #11  
September 2013**

**Revision #12  
September 2014**

**Revision #13  
October 2015**

**Revision #14  
September 2016**



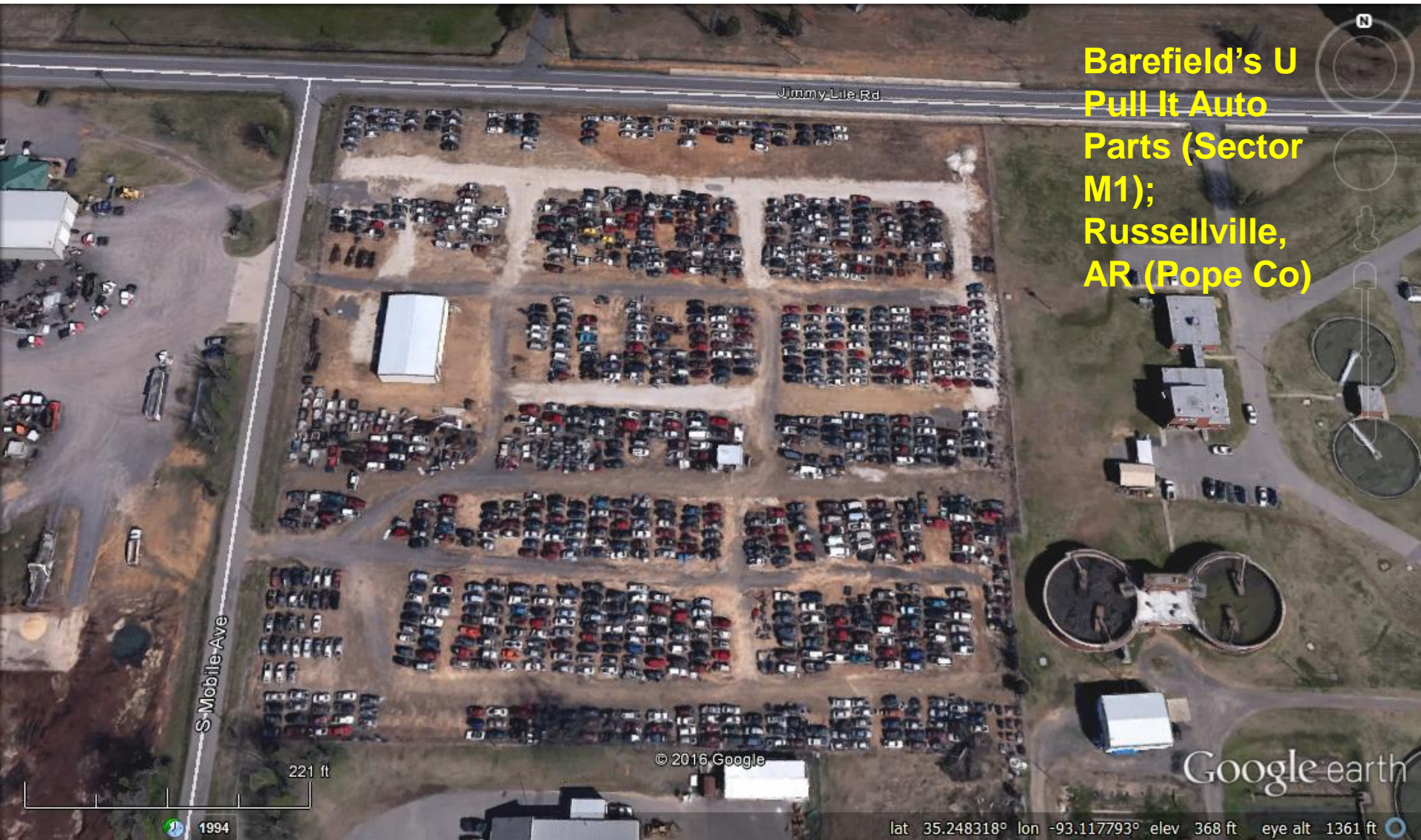
## Weekly PM Schedule

	1st shift of each week	2nd shift of each week	3rd shift of each week	4th shift of each week	Signature	Date
Henry Danley	Clean truck bin in and around the outside. Check fluid in hydraulic tank	Inspect fans for noise and any type of vibration. Inspect Belts for wear	Clean under silo 2	Blow down spider webs		
Gary Barnes	Clean outside around boiler house from wheel shop to ppc	Inspect feed system piping, gears for missing teeth, chains and check oil levels in gearbox	Clean under silo 3	Blow down spider webs		
Gary Zamora	Clean under silos from road to ramp	Inspect all control valves to ensure they are operating in automatic and no leaks	Clean top of silo 2 & 3	Blow down spider webs		
Michael Raney	Clean from fire plug to relay fan from building to road	Inspect air compressors and make sure there are no noticeable air leaks	Ensure dust is picked up between silos and parking lot with tractor	Blow down spider webs		

- \*\*\* Each operator will clean the office daily
- \*\*\* Report all dust leaks. Clean all spills before you leave
- \*\*\* Report all equipment that is not working properly
- \*\*\* Do not park vehicles next to boiler house
- \*\*\* Ensure to check ash hopper and dump if necessary
- \*\*\* All daily task must be completed ( blowdowns, water test and low water cut outs)
- \*\*\* Take trash out daily

**Revised PM  
schedule for  
housekeeping**

**Barefield's U  
Pull It Auto  
Parts (Sector  
M1);  
Russellville,  
AR (Pope Co)**



S Mobile Ave

Jimmy Lile Rd

© 2016 Google

Google earth

1994

lat 35.248318° lon -93.117793° elev 368 ft eye alt 1361 ft



## Part III: Case Studies – Barfield's U Pull It Auto Parts

- Facility inspected September 14, 2016 due to City Corp (Major POTW) personnel concerned with stormwater discharges from site; City Corp is required to have an IGP under Sector T1.
- Major concerns included:
  - Unpermitted site; discharging industrial stormwater without a permit.
  - Facility was the scene of a double homicide on September 16, 2016; Tyler Barefield arrested and charged with capital murder September 22, 2016.
- Supplied facility with NOI, SWPPP template, and Stormwater Annual Report (SWAR) template.
- The permittee's response is due October 24, 2016.



**Active salvage yard in  
operation; no IGP**



Randy Barefield, President  
Barefield's Body Shop & Auto Salvage, Inc.  
P.O. Box 923  
Russellville, AR 72811

**RE: U Pull It Auto Parts Inspection (Pope Co)**  
**AFIN: 58-00000 NPDES Permit No.: ARR000000**

Dear Mr. Barefield:

On September 14, 2016, I performed a Reconnaissance Inspection of the above-referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

POPE COUNTY, Ark.-- An arrest has been made in connection with the murder of two men whose bodies were found in the trunk of a vehicle at a local salvage yard.

Tyler Barefield, 35, of Russellville has been charged with two counts of Capital Murder for the killings of Aaron Brock and Beau DeWitt, both 22, of Yell County.

Authorities say Barefield will appear before a judge at the Pope County Detention Center on Friday for a bond hearing.

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Fish Holdings,  
LLC (Sector R1);  
Flippin, AR  
(Marion Co)

Mc 8127

29

722

980

Benton Ferry Rd

Airport Rd

Cemetery Rd

White's Dr

© 2016 Google

Google earth

912 ft



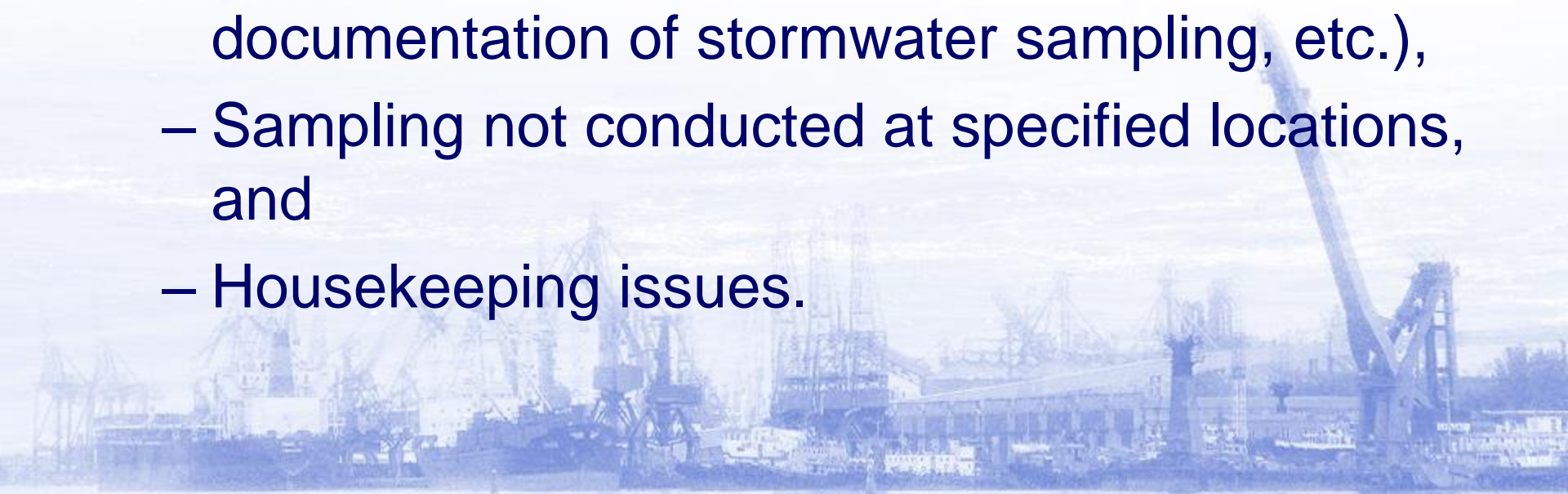
1994

Imagery Date: 5/4/2014 lat 36.288496° lon -92.599576° elev 655 ft eye alt 4744 ft



## Part III: Case Studies – Fish Holdings, LLC

- Facility inspected December 14, 2015.
- Major concerns included:
  - SWPPP not updated,
  - Numerous self-monitoring issues (i.e., site inspections, employee training, no documentation of stormwater sampling, etc.),
  - Sampling not conducted at specified locations, and
  - Housekeeping issues.





**Metal resin  
discharged from  
baghouse**

12.14.2015 12:21



**Resin from  
baghouse on  
ground**






12.14.2015 12:05





Figure used  
to describe  
permitted  
outfalls and  
sample  
locations

### Legend

-  Approximate facility boundary
-  Outfall 001 permit coords
-  Outfall 001 sample area
-  Outfall 002 permit coords
-  Outfall 002 sample area

Google earth

© 2015 Google

36 17' 18.83" -92 35' 55.82"

Outfall 002 sample area

722

Marion County 7022

Outfall 001 sample area

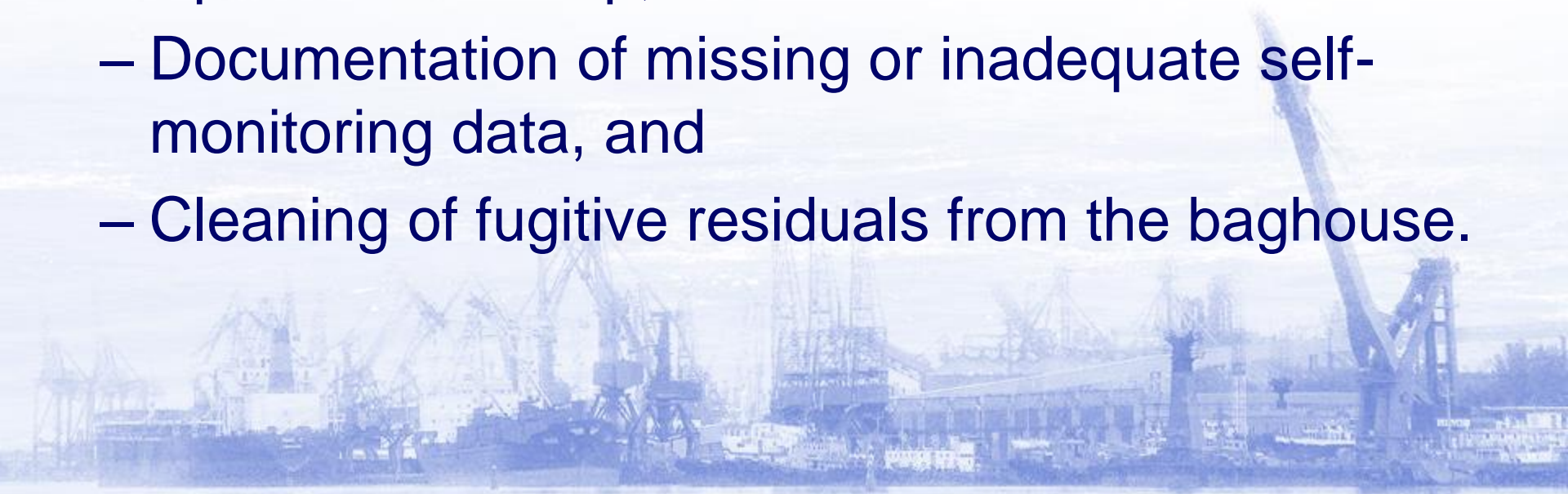
36 17' 6.75" -92 36' 7.35"

1000 ft



## Part III: Case Studies – Fish Holdings, LLC

- The permittee responded to the violations cited in the inspection report on January 29, 2016.
- Response included:
  - Updated SWPPP,
  - Updated Site Map,
  - Documentation of missing or inadequate self-monitoring data, and
  - Cleaning of fugitive residuals from the baghouse.



## **Attachment A**

The following documentation is provided under separate cover to demonstrate the current compliance status of the Ranger Boats facility.


Appendix A-1:	NAICS Identification in SWPPP
Appendix A-2:	Outfall Modification Forms
Appendix A-3:	Certification of Non-Stormwater Discharge
Appendix A-4:	2015 Discharge Analysis Data
Appendix A-5:	Training Records
Appendix A-6:	2014 SWPPP Inspection Forms
Appendix A-7:	2013 Chain-of-Custody Documentation
Appendix A-8:	Site Map
Appendix A-9:	Change of Permit Authority Forms

**Provided  
documentation of  
all missing self-  
monitoring data**



**Residuals  
cleaned from  
baghouse**



A photograph of an industrial facility. On the left, a large, dark, rectangular metal structure, possibly a baghouse, is mounted on a concrete base. It has a white electrical control box and a white hose attached to its side. To the right of this structure, a blue metal cart with four wheels is loaded with a large stack of light-colored wooden planks or lumber. In the background, there are several industrial buildings, including one with a large black rectangular opening. The sky is overcast and grey. The ground is a mix of concrete and dirt.

**Residuals  
cleaned from  
baghouse**





**Area around storm  
drain cleaned**

**Five Rivers  
Distribution,  
LLC (Sectors  
Q1 & O1); Van  
Buren, AR  
(Crawford Co)**

1355 ft

© 2016 Google

Google earth

lat 35.414993° lon -94.336622° elev 403 ft eye alt 6582 ft



## Part III: Case Studies – Five Rivers Distribution, LLC

- Facility inspected March 29, 2016.
- Major concerns included:
  - Failure to minimize exposure,
  - Inadequate housekeeping,
  - No documentation of self-monitoring data (i.e., no inspections or employee training, no sampling results, not sampling all required parameters, not sampling all outfalls, etc.),
  - SWPPP and Site Map not updated, and
  - Not sampling the most representative outfall(s).



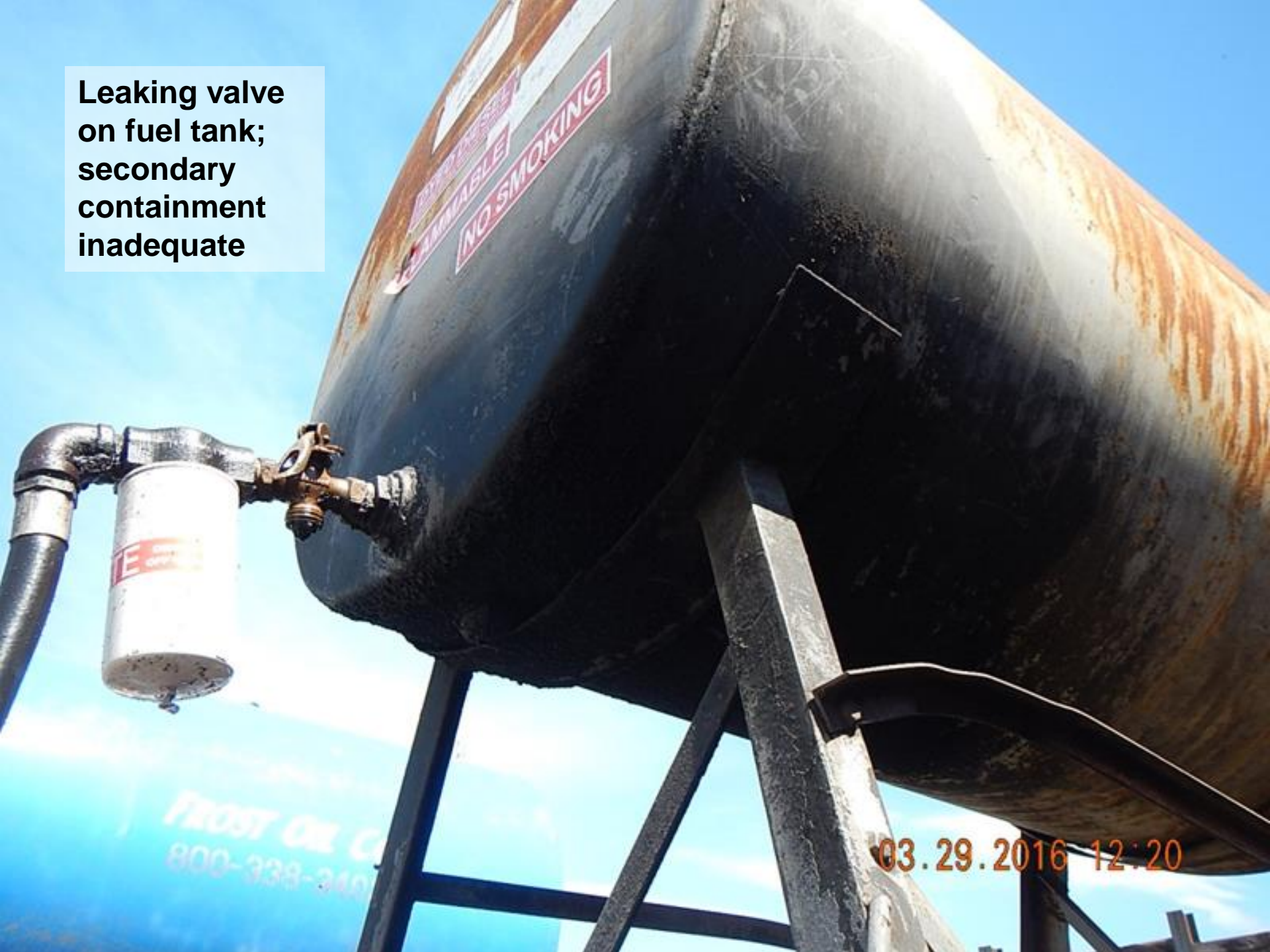
**Leak from  
improperly  
maintained  
equipment**



03.29.2016 12:12



Leaking valve  
on fuel tank;  
secondary  
containment  
inadequate



03.29.2016 12:20

FROST OIL CO  
800-338-3400



**Secondary containment  
for fuel storage leaking  
during inspection**



03.29.2016 12:31





Unlabeled barrel  
with inadequate  
cover and  
containment

03.29.2016 12:24



**Improper spill  
prevention and cleanup**



03.29.2016 12:23



Figure used to  
depict inaccurate  
outfall coordinates  
provided with NOI

001

002

ARR000327

© 2016 Google

Google earth

970 ft

imagery Date: 10/5/2013 1994

lat: 35.413537° lon: -94.341741° elev: 391 ft

Eye alt: 4722 ft


## Part III: Case Studies – Five Rivers Distribution, LLC

- The permittee responded to the violations cited in the inspection report on April 19, 2016.
- Response included:
  - Purchase of a spill kit,
  - Contacting contracted lab for missing self-monitoring data (i.e., Chains of Custody, lab analyses sheets, etc.),
  - Implementing inspection template provided by EPA website,
  - Purchase of a pH meter and using pH bench sheet provided by ADEQ,
  - Verification that outfalls will be sampled and have been corrected on NOI,
  - Updated Site Map, and
  - Request for follow-up site visit from inspector.





**Spill kit  
purchased**



Area cleaned of  
forklift washing  
residuals

05.23.2016 13:58



**Leaking  
equipment  
removed and spill  
cleaned up**

05-23-2016 14:00



**Fuel tanks and secondary  
containment replaced;  
absorbent material cleaned  
up and disposed; open  
containers removed**





**Master Made  
Tanks, Inc. (Sector  
E2); Paris, AR  
(Logan Co)**

N Carbon City Rd

© 2016 Google

Google earth

184 ft

1994

Imagery Date: 10/13/2015 lat 35.300033° lon -93.792466° elev 406 ft eye alt 1253 ft

## Part III: Case Studies – Master Made Tanks, Inc.

- Facility inspected January 8, 2015.
- Major concerns included:
  - Non-stormwater discharge not allowed by the permit,
  - Failure to minimize exposure, and
  - Some self-monitoring not occurring or being documented (i.e., no sampling at representative outfall, no annual comprehensive site evaluation, etc.).





**Non-stormwater  
discharge not allowed  
by permit; equipment  
washing**





**Non-stormwater  
discharge routed to  
series of sediment  
ponds**





**Series of sediment  
ponds ultimately  
discharge to waters  
of the State**



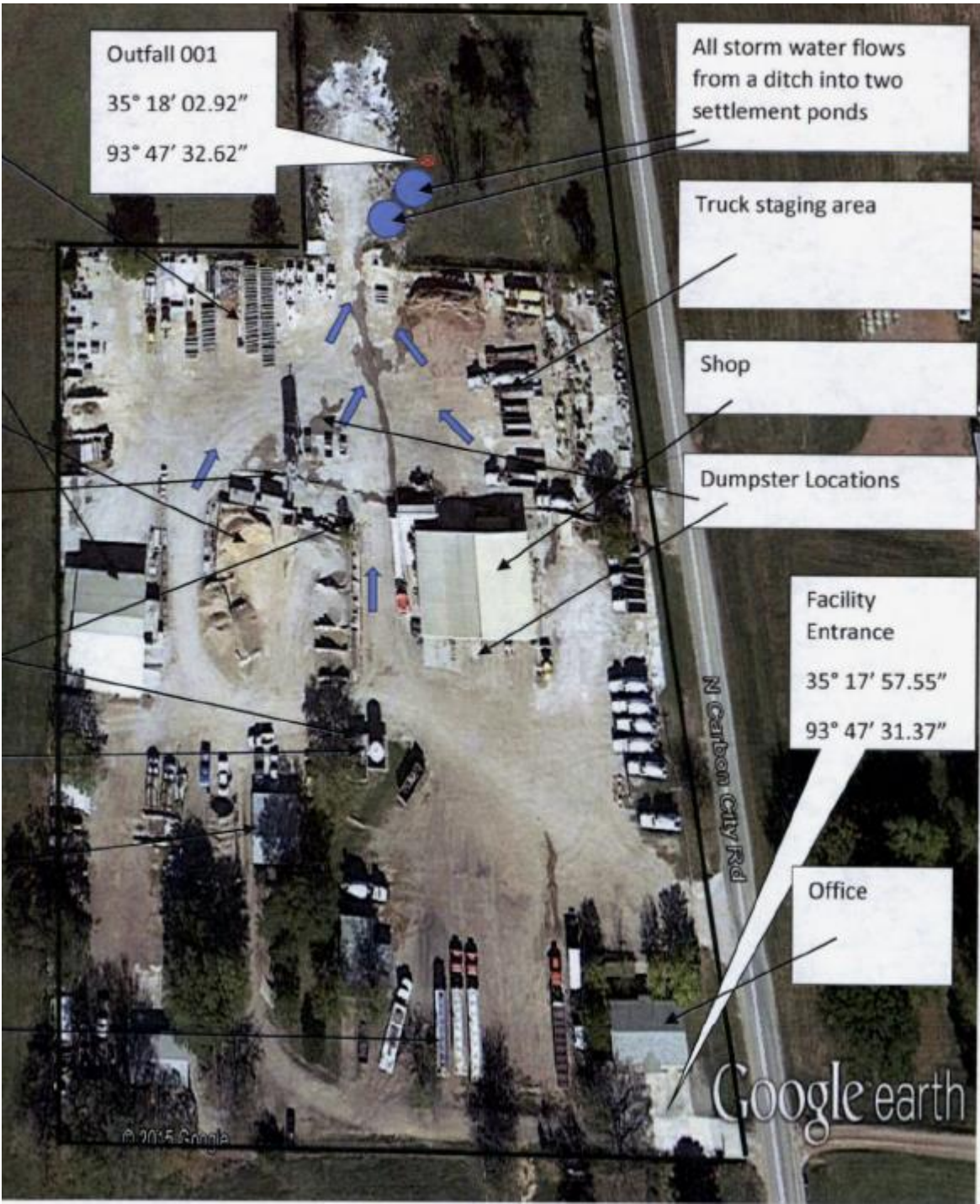


## Part III: Case Studies – Master Made Tanks, Inc.

- The permittee responded to the violations cited in the inspection report on March 1, 2015.
- Response included:
  - Minimizing exposure of bulk material with structural control measures,
  - Ceasing all non-stormwater discharges not allowed by the permit (installed tank and pump to store and recycle water for washing),
  - Modified outfalls located onsite (e.g., omitted original and updated most representative),
  - Updated components of the SWPPP and Site Map, and
  - Request for follow-up site visit from inspector.

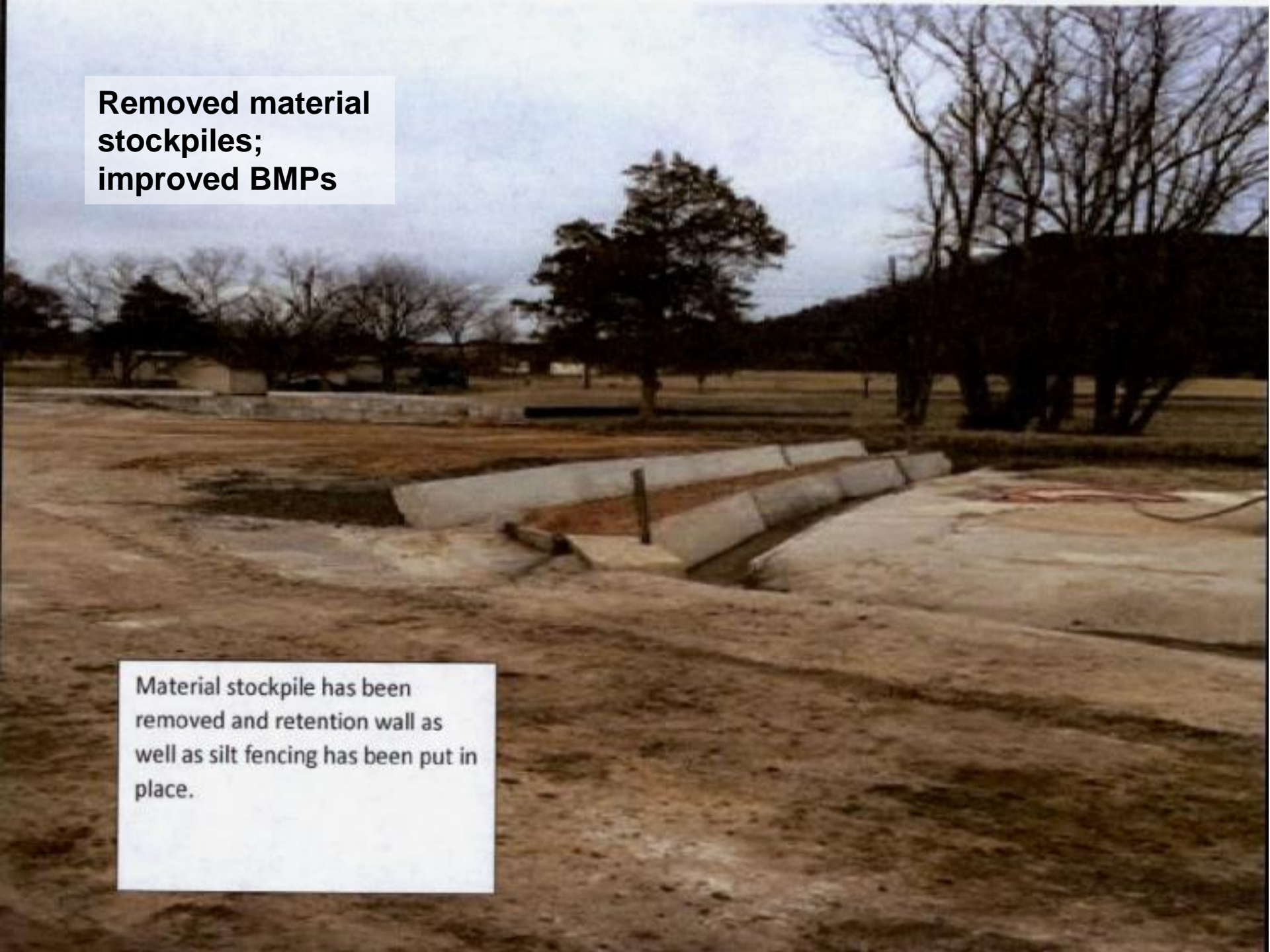


Updated  
Site Map



**Removed material  
stockpiles;  
improved BMPs**

Material stockpile has been removed and retention wall as well as silt fencing has been put in place.







**Original outfall  
sealed and not  
in use**

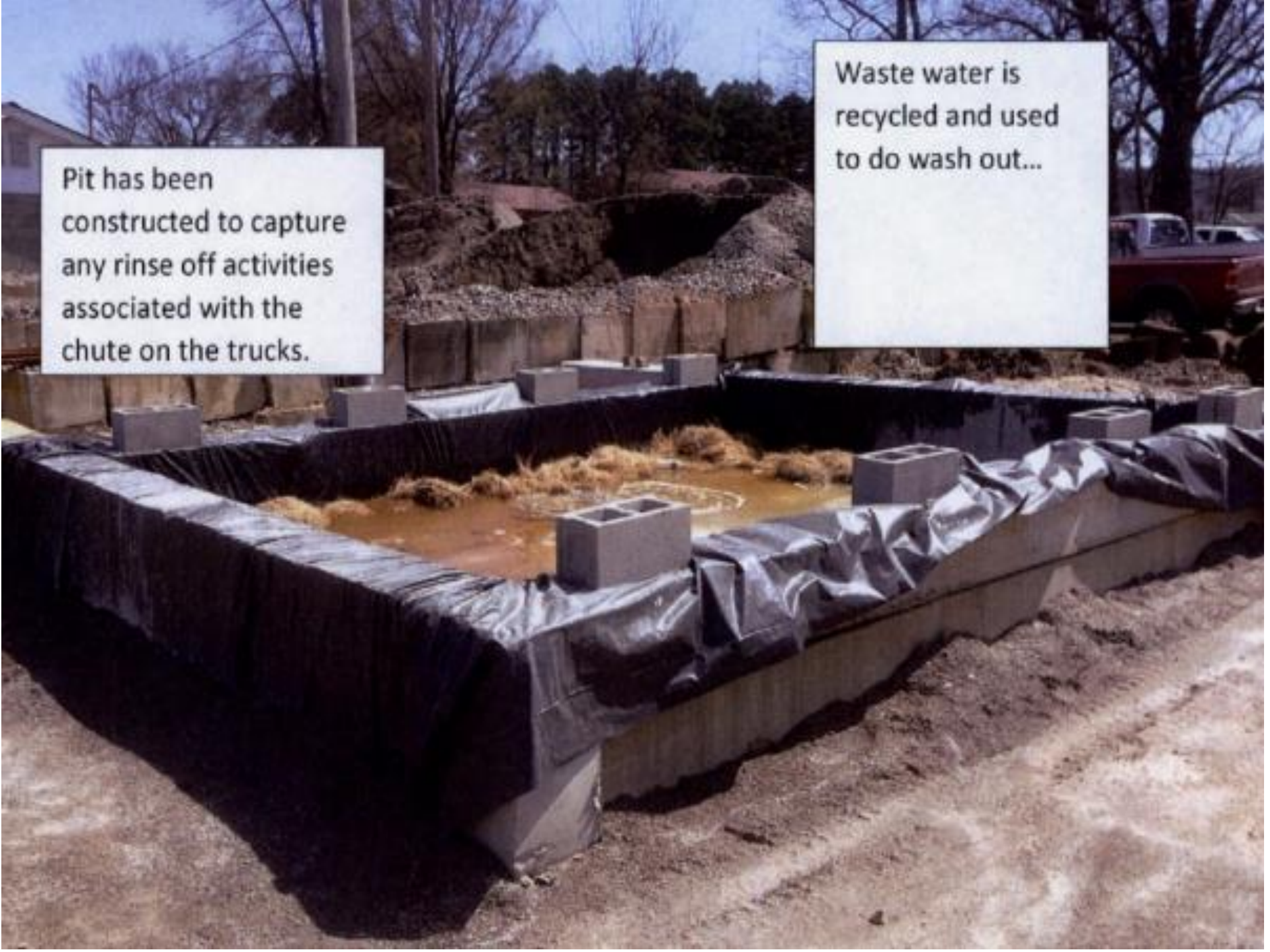


Tank is installed and fully operational to capture any non-storm water discharge. Water is recycled and used in batch operations.

**Recirculation tank  
for process/wash  
water**







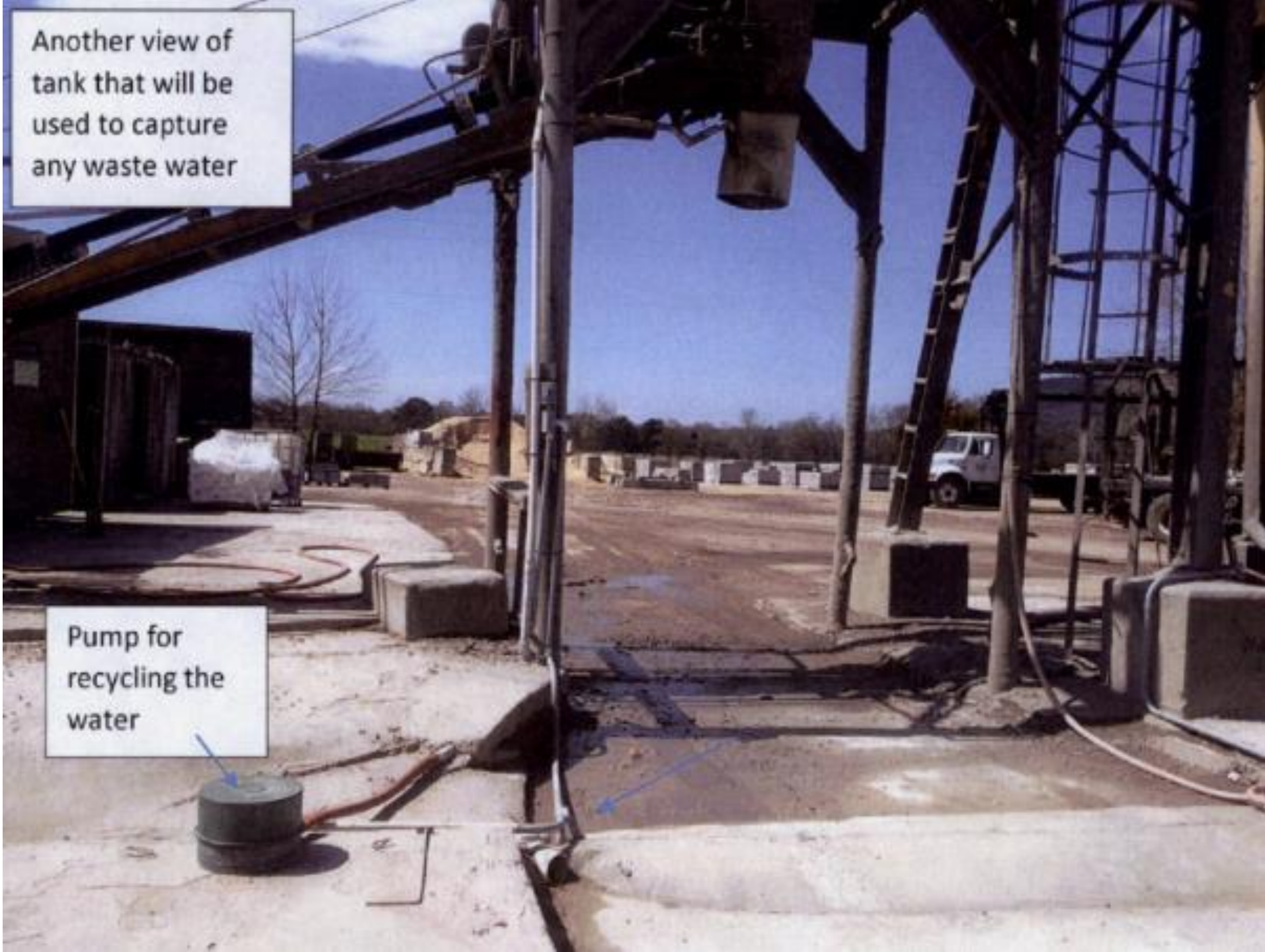
Pit has been constructed to capture any rinse off activities associated with the chute on the trucks.

Waste water is recycled and used to do wash out...



Another view of  
tank that will be  
used to capture  
any waste water

Pump for  
recycling the  
water







**PJ's Truck Wash,  
Inc. (Sector P1);  
Crossett, AR  
(Ashley Co)**

214 ft

1994

© 2016 Google

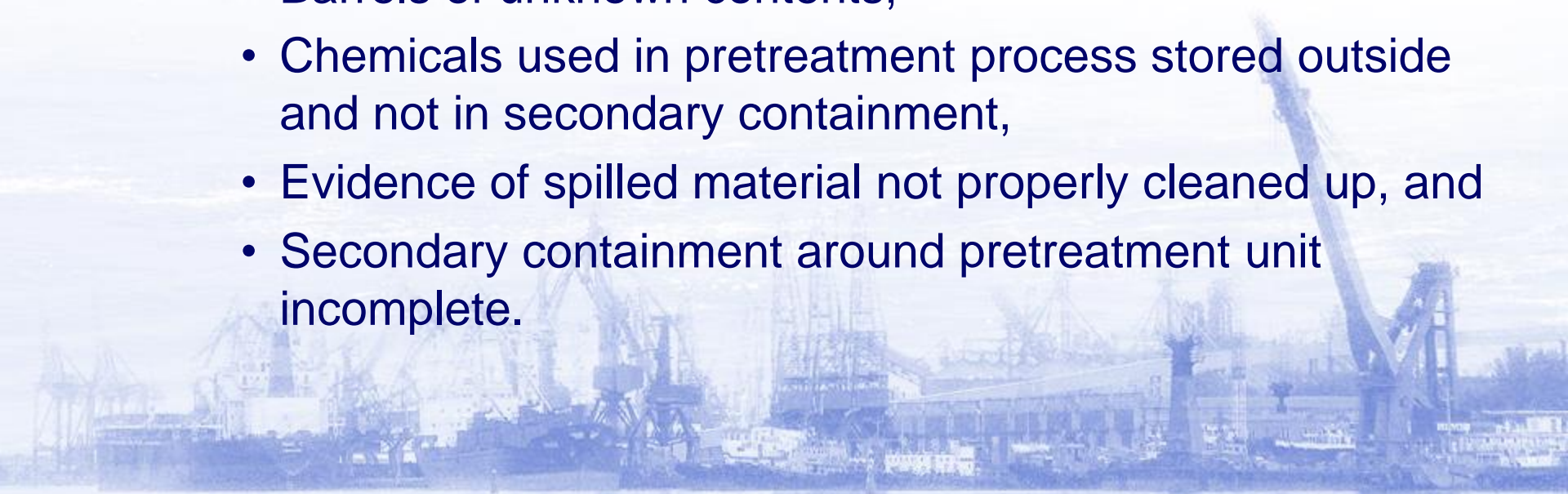
Imagery Date: 10/18/2014 lat 33.139734° lon -91.987059° elev 132 ft eye alt 1101 ft

Google earth




## Part III: Case Studies – PJ's Truck Wash, Inc.

- Facility inspected January 26, 2016 at the request of the Permits Branch Pretreatment Coordinator.
- Major concerns included:
  - Facility does not qualify for the No-Exposure exclusion:
    - Scrap metal and waste materials exposed to stormwater,
    - Barrels of unknown contents,
    - Chemicals used in pretreatment process stored outside and not in secondary containment,
    - Evidence of spilled material not properly cleaned up, and
    - Secondary containment around pretreatment unit incomplete.





A photograph of a scrap metal storage site. In the foreground, there is a large pile of scrap metal, including twisted metal, pipes, and debris, situated next to a utility pole. To the left of the pile is a rusted cylindrical tank and a piece of machinery with large tires. The background features a line of trees, some bare and some with green foliage, under a cloudy sky. A text box in the lower-left corner reads "Scrap metal and waste materials stored onsite". A timestamp in the lower-right corner reads "01.26.2016 10:53".

**Scrap metal and  
waste materials  
stored onsite**

01.26.2016 10:53



A photograph showing a collection of approximately eight metal barrels, some blue and some black, arranged in a row outdoors. The barrels are situated on a patch of ground with dry grass and fallen leaves. In the background, there is a grassy field and some bare trees, suggesting a rural or undeveloped area. The barrels appear to be empty or contain unknown substances, as indicated by the text overlay. The barrels are of various sizes and are some are stacked or leaning against each other. The blue barrels have white caps, while the black barrels have black caps. One black barrel on the right has a white label attached to it. The overall scene is somewhat cluttered and appears to be a storage area for hazardous materials.

**Barrels with  
unknown contents**

01/26/2016 10:34





**Ferric Chloride stored outside and not in secondary containment; spill not properly cleaned up**

01.26.2016 10:26





Sawdust used to  
solidify pretreatment  
sludge dumped on  
ground

01.26.2016 10:21



## Part III: Case Studies – PJ's Truck Wash, Inc.

- The permittee responded to the violations cited in the inspection report on March 25, 2016.
- Response included:
  - Minimizing exposure of barrels of chemicals by moving inside building,
  - Removal of all scrap metal and waste material onsite,
  - Cleaning of spilled materials, and
  - A quote to have the pretreatment secondary containment wall repaired.



A photograph of an industrial site. In the foreground, a large, light-colored concrete spill containment area is visible. To the left, there is a yellow metal structure with a blue tarp. In the background, a yellow building with a red roof has its large bay door open, revealing blue barrels inside. To the right, a large piece of industrial equipment, possibly a tank or silo, is partially visible. The sky is clear and blue.

**Spill cleaned up and  
chemicals moved  
inside building**



**Scrap metal and  
waste material  
hauled offsite**





**Busted secondary  
containment wall  
for pretreatment  
unit**



**Contractor quote  
to repair  
secondary  
containment wall  
around  
pretreatment unit**

*John Woodard*  
*518 E Wilcox St*  
*Hamberg AR 71646*

291243

Customer's  
Order No. \_\_\_\_\_ DATE \_\_\_\_\_

SOLD TO *PJ's Tank Wash*

ADDRESS *Crossett AR*

SALESMAN \_\_\_\_\_ TERMS \_\_\_\_\_

CASH	CHARGE	O. O. B.	PAID OUT	RETD. MORT.	RECD. ON ACCT.
QUAN.	DESCRIPTION			PRICE	AMOUNT
	<i>Repair wall</i>				
	<i>all steel, concrete, water stop</i>				
	<i>and labor</i>				
				<i>\$1482.02</i>	



**Repairs made to  
secondary  
containment wall  
around pretreatment  
unit**





**Rainbow Stone Co  
(Sector J2); Midway,  
AR (Logan Co)**

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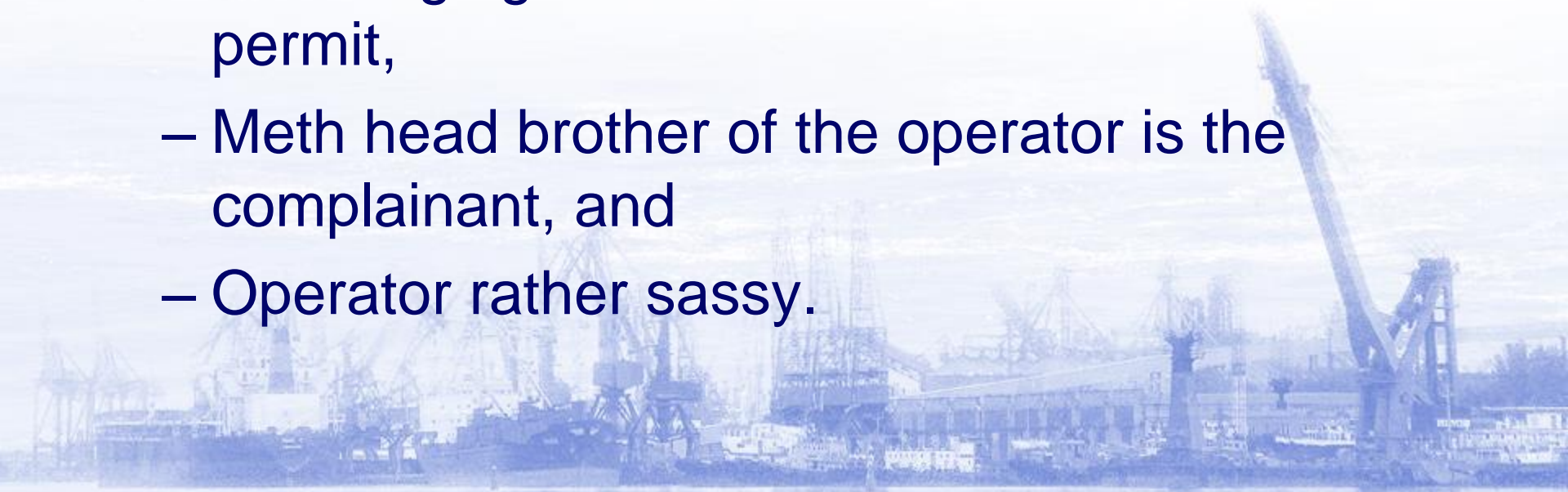
Imagery Date: 10/13/2015 lat 35.290602° lon -93.516549° elev 507 ft eye alt 1342 ft

Google earth



## Part III: Case Studies – Rainbow Stone Co.

- Facility inspected June 29, 2016 in response to a complaint.
- Major concerns included:
  - Discharging process water without a permit,
  - Discharging industrial stormwater without a permit,
  - Meth head brother of the operator is the complainant, and
  - Operator rather sassy.





**Hydraulic spill  
onsite that has not  
been cleaned up**



07.29.2016 10.26






**Saw slurry water;  
arrows indicate flow  
path**

**07.29.2016 10:37**






**Drainage cut to  
discharge saw  
slurry water**

07.29.2016 10:36



A photograph showing a muddy, brownish discharge flowing through a rocky, uneven terrain. The discharge is contained within a shallow, irregular channel. The surrounding ground is dry and covered with sparse green grass and small rocks. A large, flat, grey rock is visible in the foreground, partially submerged in the discharge. In the background, a metal guardrail is visible along the edge of the area.

**Discharge of saw  
slurry water;  
ultimately leads to  
neighbor's pond**

07/29/2016 10:27



## Part III: Case Studies – Rainbow Stone Co.

- The permittee responded to the violations cited in the inspection report on August 4, 2016.
- Response included:
  - Building of recirculation tanks to reuse saw slurry water,
  - Insisting with a drinking glass demo that they weren't polluting, and
  - Continued to be sassy about having to pay a permit fee for a No-Exposure Exclusion certification.



**Building  
recirculation  
tank to reuse  
saw slurry water**







**Drinking glass demo to illustrate that the nearest stream isn't being polluted by their saw slurry water**

**NO EXPOSURE CERTIFICATION FORM**  
For Exclusion from NPDES Stormwater Permitting

Application Type:    New ☒ X                      Renewal ☐ Permit No. ARR00                     

**I. PERMITTEE/OPERATOR INFORMATION**

Permittee (Legal Name)\*: Rainbow Stone Company, Inc.  
Permittee Mailing Address: P.O. Box 102  
Permittee City: Subiaco  
Permittee State: AR                      Zip: 72865  
Permittee Telephone Number: 479-938-7134  
Permittee Fax Number: 479-938-7565  
Permittee E-mail Address: cory@rainbowstonecompany.com

Operator Type:

☐ STATE                      ☐ PARTNERSHIP  
☐ FEDERAL                      ☒ CORPORATION\*\*  
☐ SOLE PROPRIETORSHIP  
☐ PUBLIC  
☐ OTHER:                     

\*\*State of Incorporation:    AR

\* The legal name of the Permittee must be identical to the name listed with the Arkansas Secretary of State.

**Completed No-Exposure  
Certification Form**



Kerri,  
Please consider this my response to the inspection.

I have filled out the Non Exposure Certificate per your email. Please find it attached.  
I will send a hard copy and a check for the \$200.00 in the mail.  
We are halfway through construction of the retention ponds. In response to the inspector  
has not cooperated to pour concrete. Once constructed, saw slurry water, and storm

I do have a question though. Why is there an annual fee associated with a Non  
Has the department ever thought of issuing a "Hey, that doesn't pollute

Thanks,  
Cory

Cory Hamilton  
President-Manager  
Rainbow Stone Company  
Subiaco, AR 72865

as constructed. I have personally been busy, and the weather

ot have to get a permit?  
in the wall?"

**Email sassing me about  
why there is a permit  
fee for not really having  
a permit; in case you  
can't read it, I've blown  
it up**

**Any Questions/Comments? Thank you!**



**Cossatot River Falls (Howard Co)**