INSPECTION REPORT

REPORT DATE: 1/22/2013 **INCIDENT NO:** 1162013-1

INSPECTION DATE: 1/16/2013

INVESTIGATOR: Jack Arias and Dale Selgrath

LOCATION: Flatonia, TX 78941
COUNTY: Bastrop County, Texas

MATERIAL SPILL: Brine/Oil
OWNER/OPERATOR: Warrior Resources INC. BARINA
Box 953
Mexia, TX 76667
SURFACE OWNER: Jay Absher.
PHONE: 432-940-1014

EMERGENCY HOTLINE NOTIFIED: No

POINT SOURCE: Tanks batteries
LATITUDE/LONGITUDE: N29.88962, W97.205312

RECEIVING WATER: BUCKNERS CREEK
LATITUDE/LONGITUDE: N29.88781, W97.20567

INSPECTION OBSERVATIONS:
An inspection was conducted on 1-16-13. Found 4 corroded storage tanks. There were fluids (produce wastewater and oil) around tanks and oil sheens on water. Two large pits approximately 35 ft by 25 ft (pit#1 and 28 ft by 8 ft discharging directly in a pond and eventually in Buckner's Creek. Fluids were discharging continuously going from pit #1 to a pit #2 to a large pond and to the creek. Total soluble Salts (TSS) in pits and creek were approximately between 400 and 500 ppm (see aerial and topographic maps for detail information). Oil residues and sheens were found upstream and downstream of Buckner's Creek. Pits showed water lines directly discharging into a large pond (use for livestock and agriculture purposes) and creek. We observed a clear flow path of fluids (produce wastewater) containing oil sheens discharging into the creek. Inspectors determined that the point source of pollutants 29.88776° -97.20577 may came from the facility pits which were discharging produce wastewater and oil residues to the creek. Point source is situated north approximately 360 feet from Buckner's creek. Point of entry to the creek is located at N29.88775° W97.20575° and showed 400 parts-per-million total soluble salts and several formations of oil sheens. We observed leaks coming from pumping units and storage tanks, inappropriate berms around pits and tanks, oil staining from leaks on tanks, corroded tanks, and flow paths of fluids discharging into the creek.

SUPPORTING VIDEO, PICTURES, OR SAMPLES: Report, Photos, and RRC information.

OTHER AGENCIES OR PARTIES CONTACTED OR INVOLVED: NONE

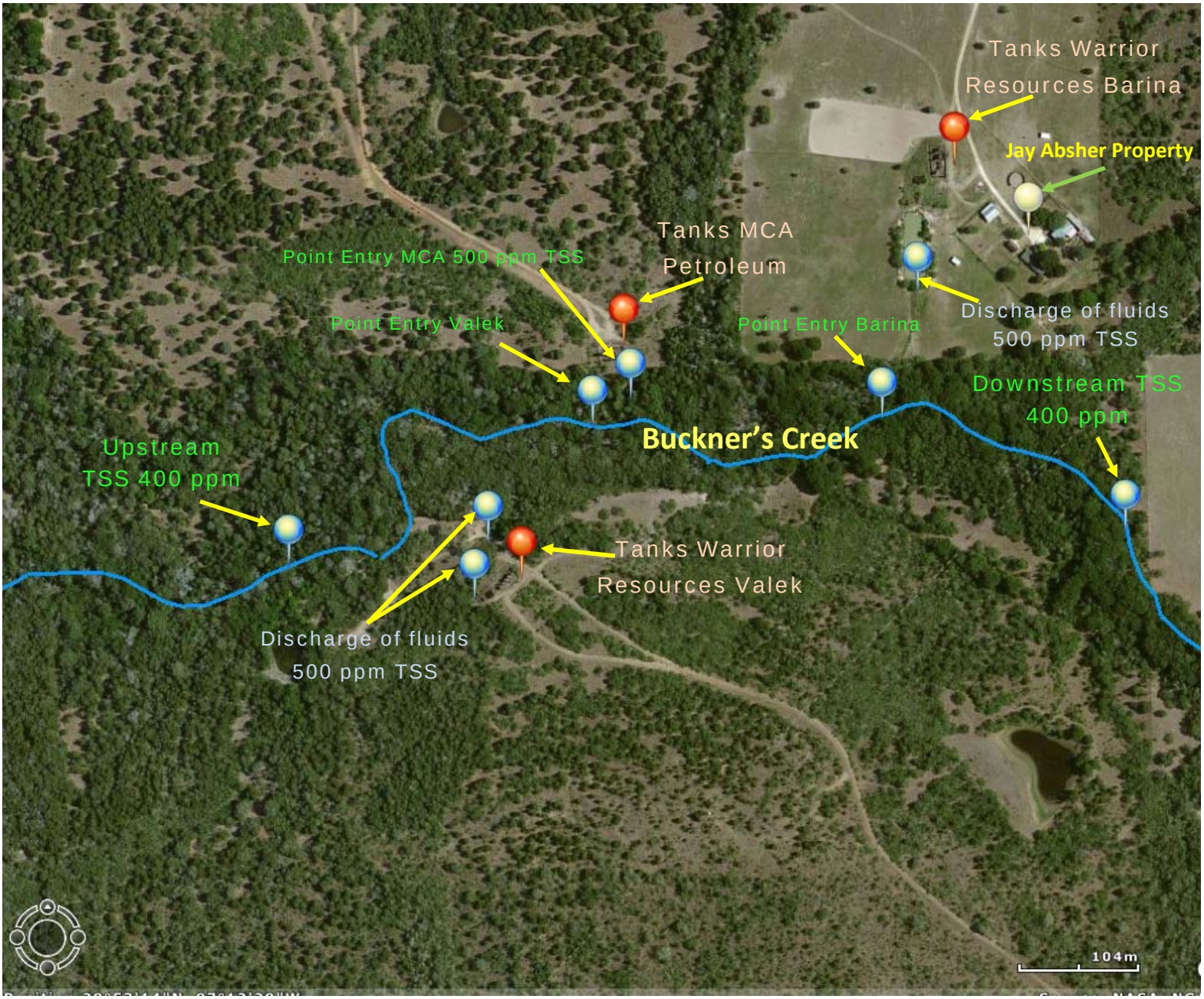
REGIONAL COMMENTS/INFORMATION OBTAINED:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

East Texas Oil and Gas Facilities

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 8:00 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		
Subject: Aerial Map of Brine storage tanks and points of discharge		



Aerial Map of Warrior Resources and MCA petroleum Tanks sites. Map show points of discharge and TSS measurement (up and downstream). Produce water discharging directly into the Buckner's Creek.

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Region 6

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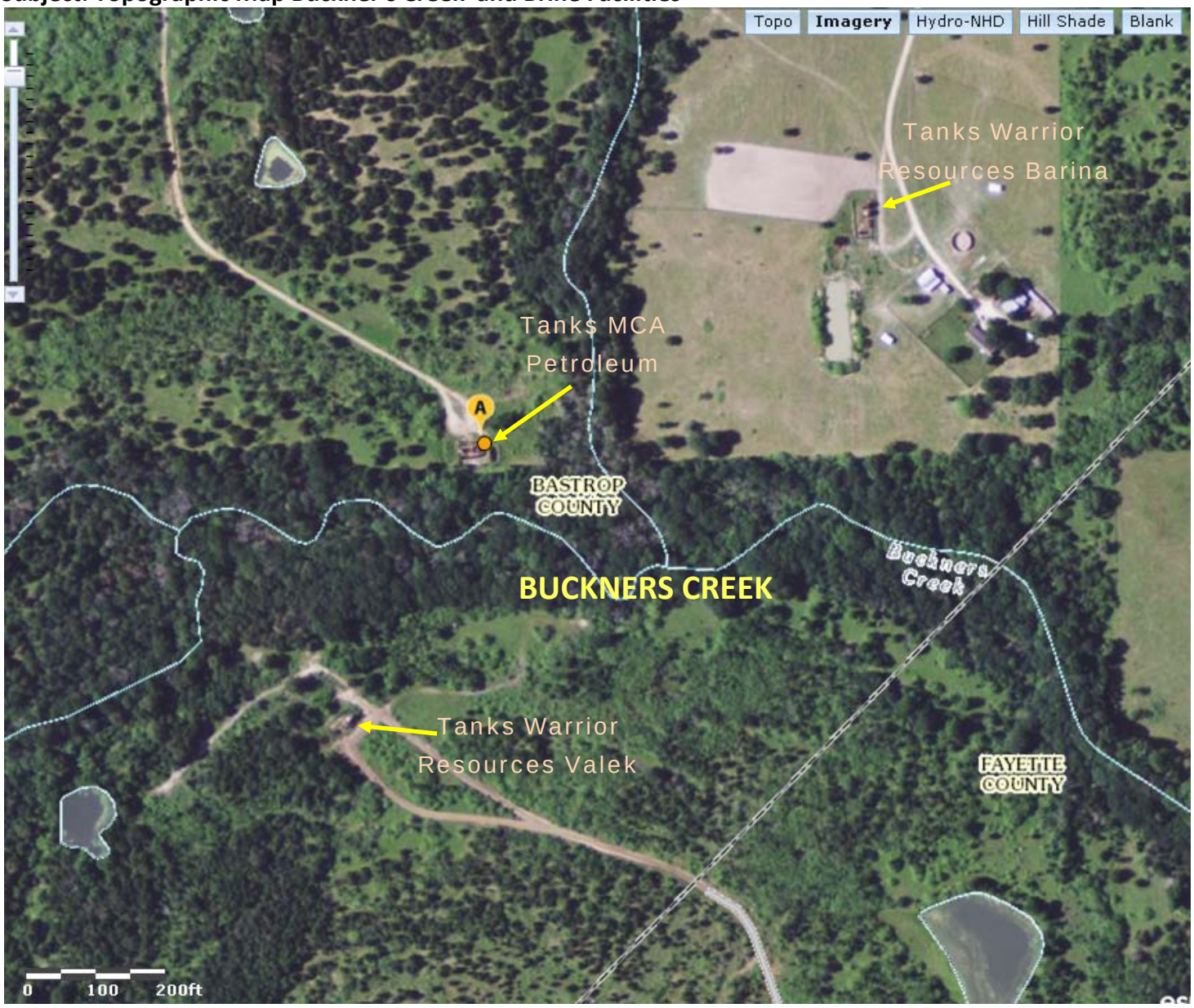
East Texas Oil and Gas Facilities

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 8:00 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		

Subject: Topographic Map Buckner's Creek and Brine Facilities



Topographic Map of Warrior Resources and MCA Petroleum Tanks batteries. Buckner's Creek is the contamination point.

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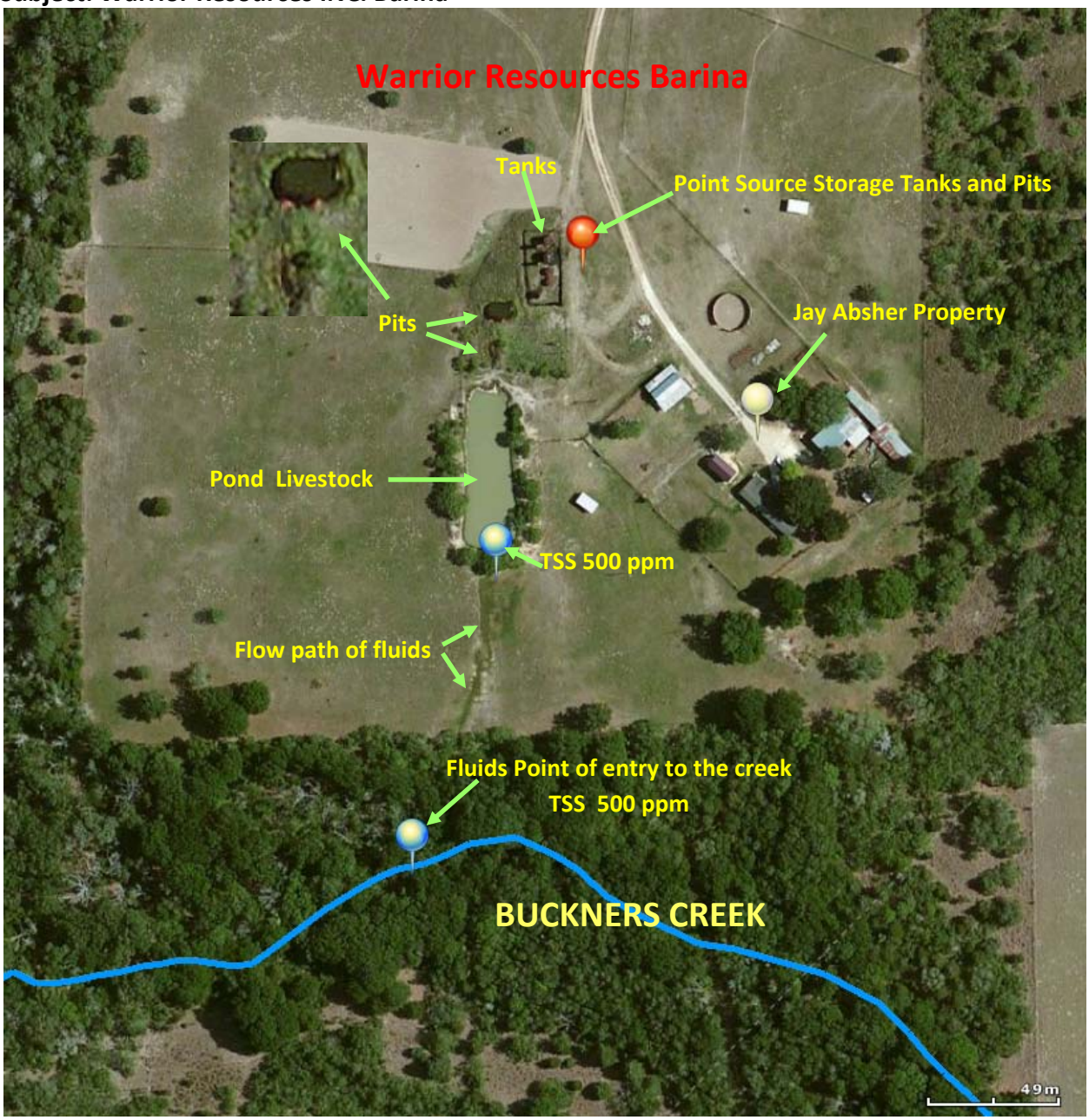
Warrior Resources INC. Barina

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 8:00 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		
Subject: Warrior Resources INC. Barina		



Aerial Map of Warrior Resources Barina. Facing North from Buckner's Creek. Observed 4 storage tanks and 2 open pits. There is a pond next to pits and a clear flow path of fluids going south towards the creek.

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Warrior Resources INC. Barina Photo 1

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 8:00 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		
Subject: Warrior Resources INC. Barina		

Photo #1. Facing North from Buckner's Creek.

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Warrior Resources INC. Barina Photo 2

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 8:30 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		
Subject: Storage Tanks		

Photo #2. Facing North from Buckner's Creek. Observed corroded tanks approximately 12 ft by 25 ft, oil stains, and inappropriate berms. Water lines placed improperly on the ground. Berms are inappropriate to contain overflow of fluids in case of emergency or technical failure.

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Warrior Resources INC. Barina Photo 3

Inspectors: Jack Arias & Dale Selgrath	Date:1-16-13	Time: 9:00 am
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		

Subject: Pool of fluids around storage tanks part 1

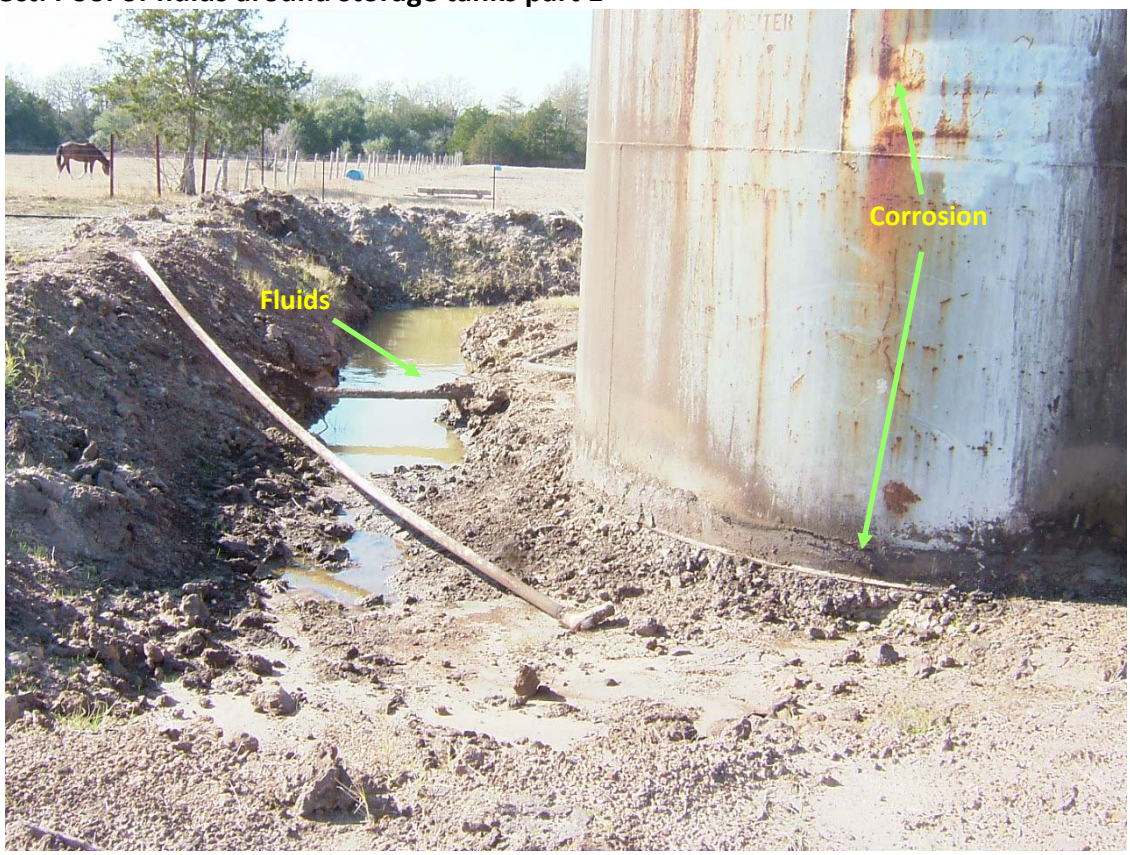

Photo #3. **Facing North from Buckner's Creek. Observed accumulation of fluids around tanks. Fluids showed a green coloration and some oil sheens.**

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Warrior Resources INC. Barina Photo 4

Inspectors: Jack Arias & Dale Selgrath	Date:1-16-13	Time: 9:30 am
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		

Subject: Pool of fluids around storage tanks part 2

Photo #4. Facing North from Buckner's Creek. Observed accumulation of fluids around tanks. Fluids showed a green coloration and some oil sheens. Tanks showed water lines coming from tanks and discharging directly into pits.

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Warrior Resources INC. Barina Photo 5

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 9:50 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		

Subject: Pool of fluids around storage tanks part 3

Photo #5. Facing North from Buckner's Creek. Observed accumulation of fluids around tanks. Fluids showed a green coloration and some oil sheens. Tanks showed water lines coming from tanks and discharging directly into pits.

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Warrior Resources INC. Barina Photo 6

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 10:00 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88962, W97.205312		
Subject: Pool of fluids around storage tanks part 4		

Photo #6. Facing North from Buckner's Creek. Observed more fluids around tanks. Fluids showed a green coloration and some oil sheens too. Water lines discharged directly into pits. Produced wastewater TSS was 400 ppm.

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Warrior Resources INC. Barina Photo 7

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 10:10 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.889402, W97.205616		

Subject: Pit #1

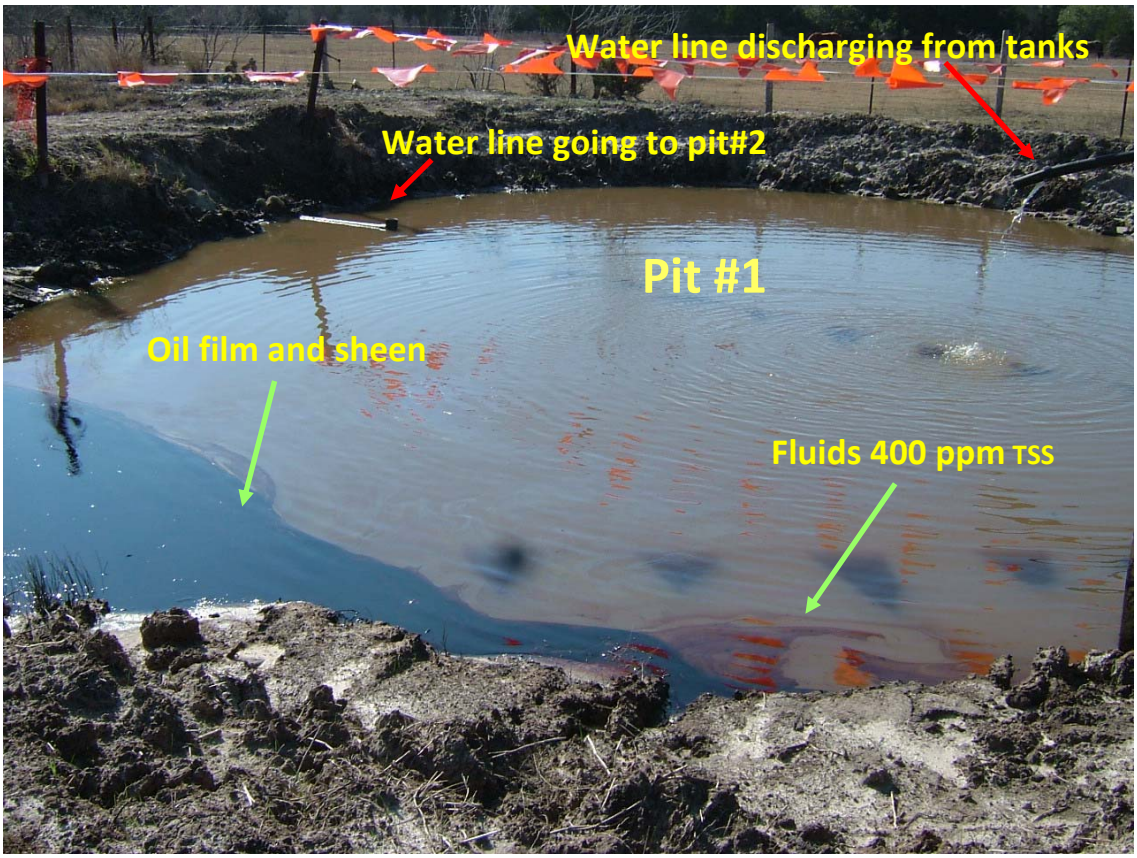

Photo #7. **Facing southwest from storage tanks. Observed fluids (produced wastewater, oily film and sheen. Found a pipe line discharging in pit #1 and discharging out to pit #2.**

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Warrior Resources INC. Barina Photo 8

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 10:20 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.889402, W97.205616		
Subject: Approximation of Pit #1		

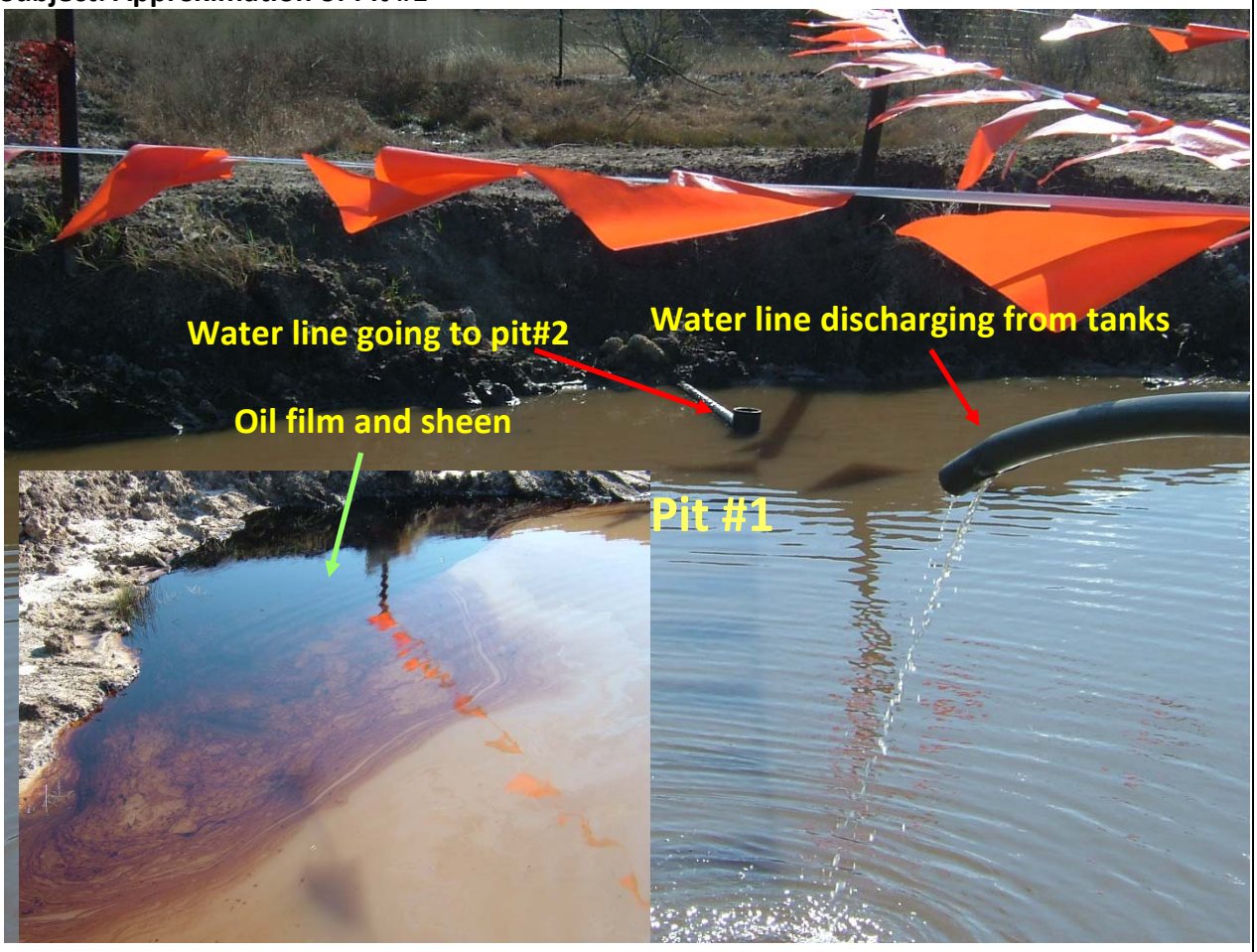

Photo #8. Facing southwest from storage tanks. Observed fluids (produced wastewater, oily film and sheen. Found a pipe line discharging in the pit #1 and discharging out to pit #2.

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Warrior Resources INC. Barina Photo 9

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 10:40 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88941, W97.20565°		

Subject: Pit #2

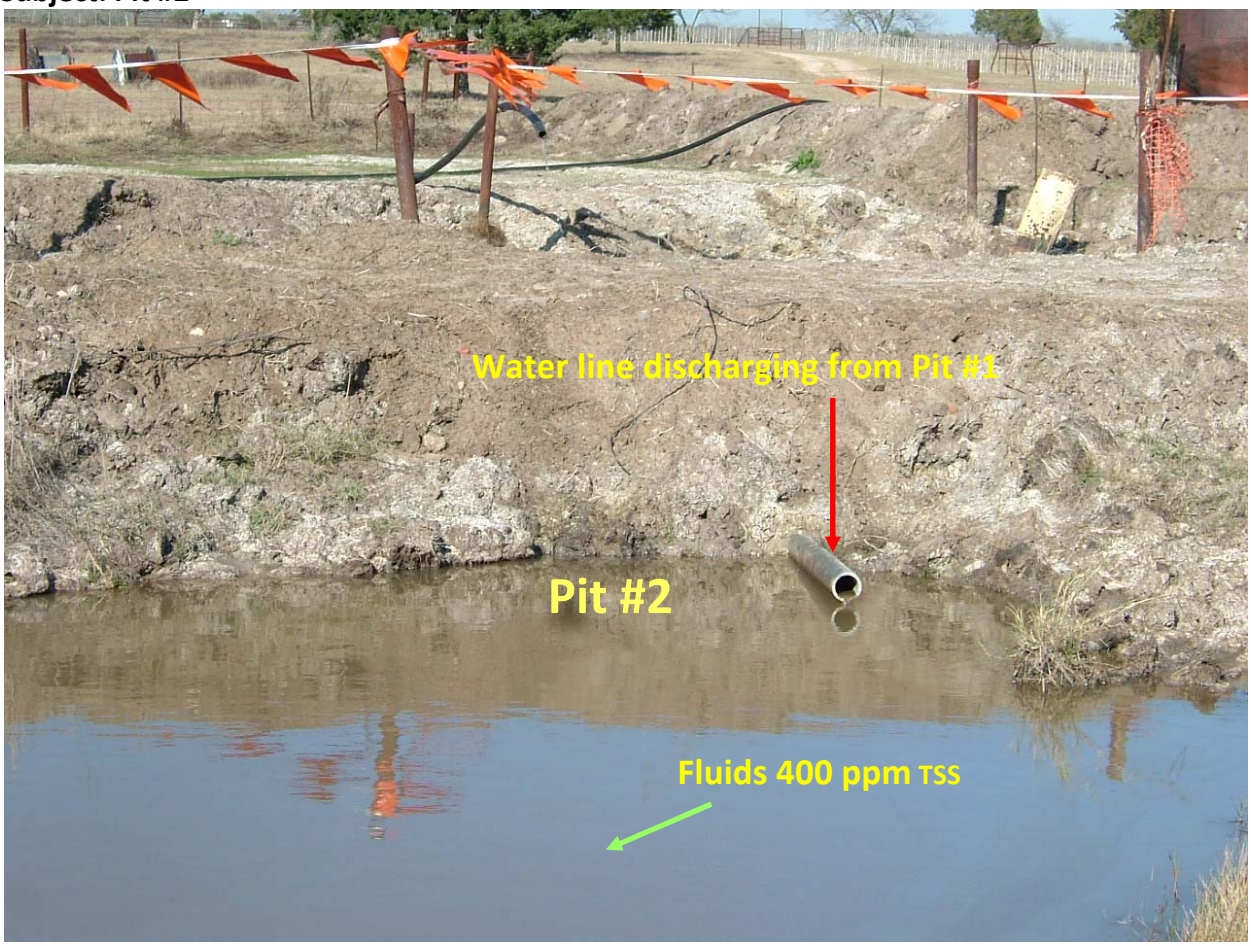

Photo #9. Facing southwest from storage tanks. Observed fluids (produced wastewater, oily film and sheen. Found a pipe line (coming from pit #1) discharging inside pit #2.

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Warrior Resources INC. Barina Photo 10

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 10:55 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88941, W97.20565		

Subject: Pit #2 part 2

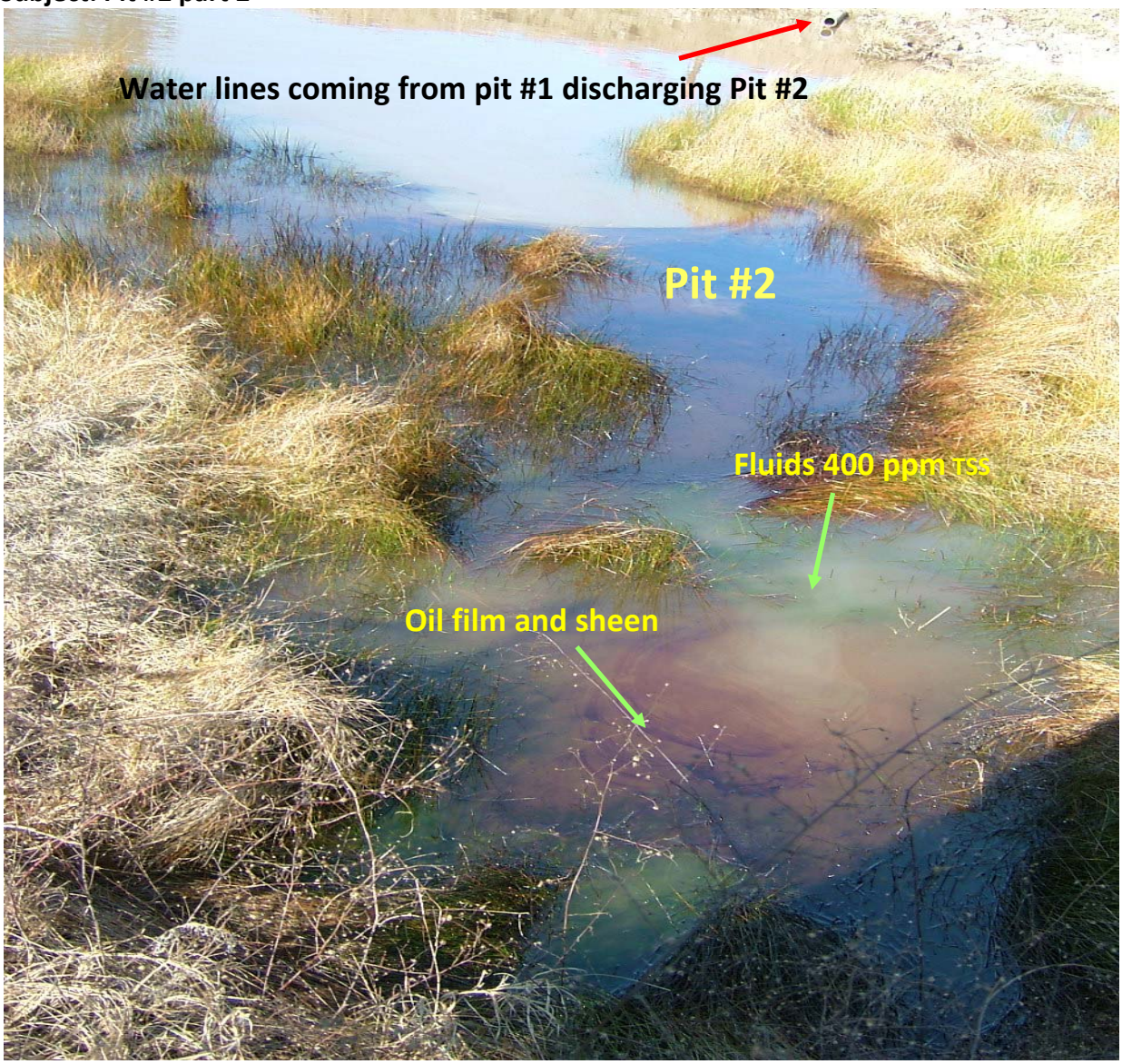

Photo #10. **Facing southwest from storage tanks. Observed fluids (produced wastewater and oily film and sheen. Found a pipe line (coming from pit #1) discharging inside pit #2.** .

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Warrior Resources INC. Barina Photo 11

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 11:10 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88937, W97.20563		
Subject: Pit #2 part 3		

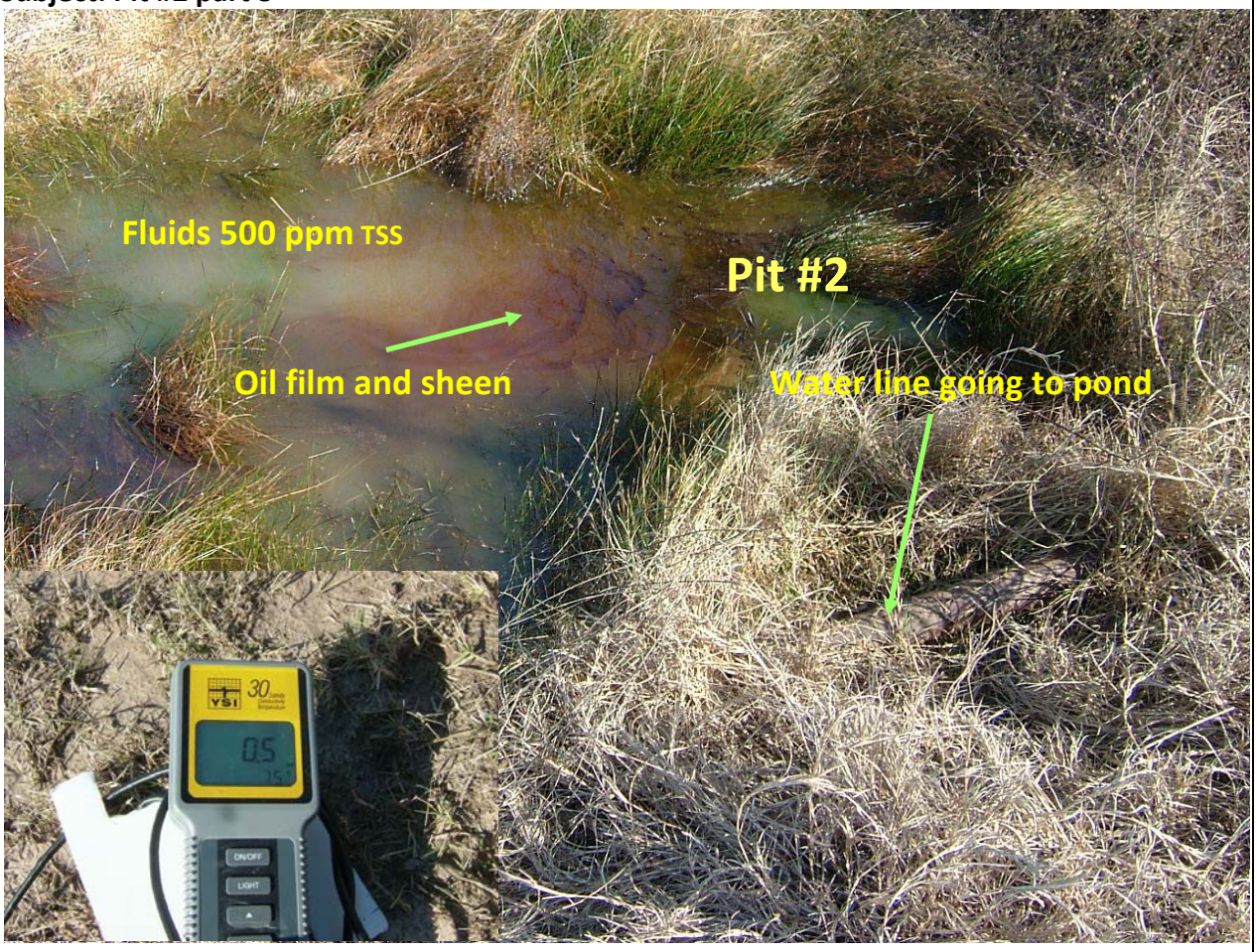

Photo #11. **Facing southwest from storage tanks. Observed fluids (produced wastewater and oily film and sheen. Found a pipe line (coming from pit #2) discharging inside a pond. TSS was 500 ppm.**

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Warrior Resources INC. Barina Photo 12

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 11:20 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88932, W97.20563		
Subject: Pond next to Pit #2		

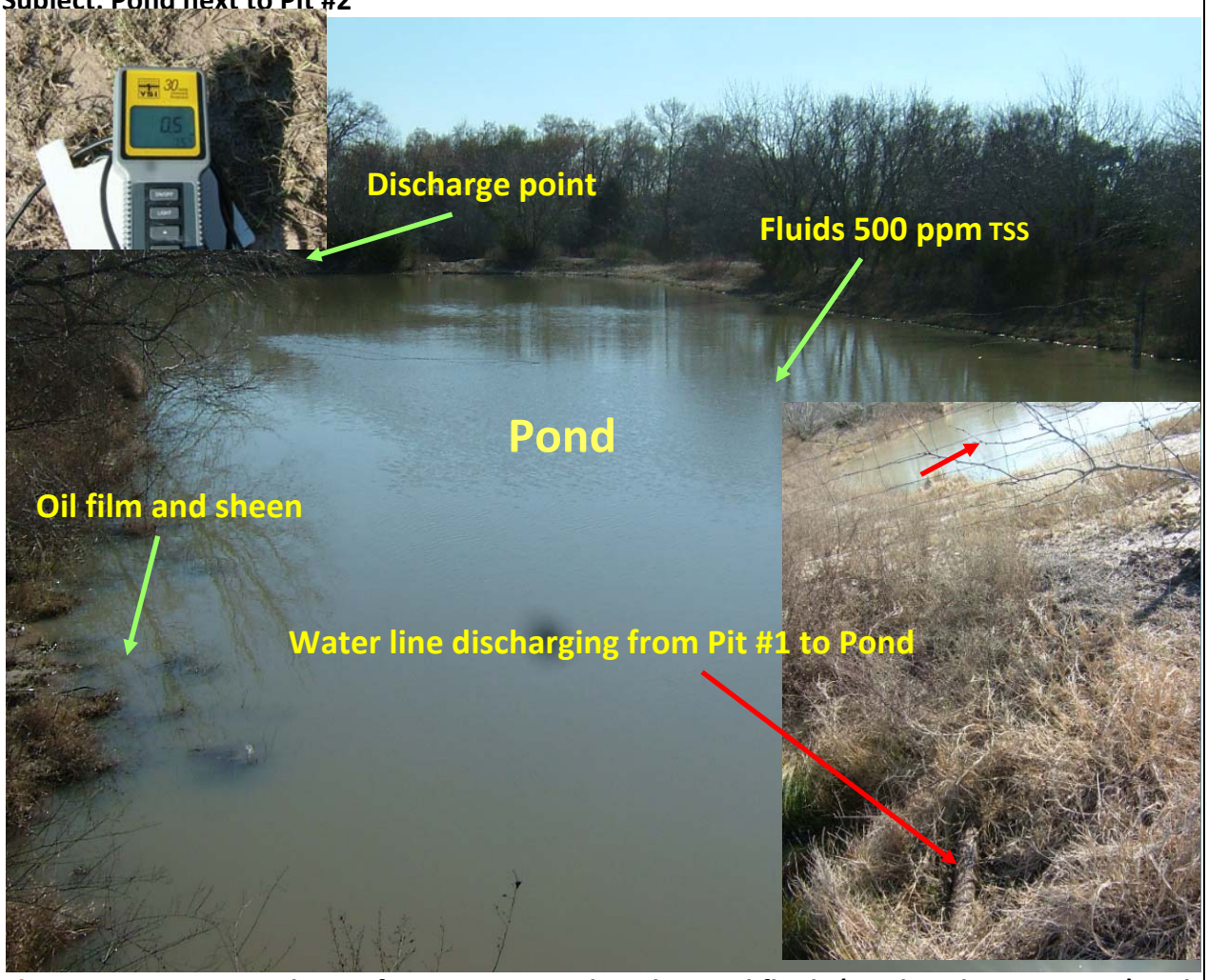

Photo #12. **Facing southwest from storage tanks. Observed fluids (produced wastewater) and a sheen. Found a pipe line (coming from pit #2) discharging inside a pond. TSS was 500 ppm. Water is use for livestock.**

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Warrior Resources INC. Barina Photo 13

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 12:30 am**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88867, W97.20564		
Subject: Water line discharging fluids into Buckner's Creek Part 1		

Photo #13. Facing southwest from storage tanks. Observed a water line (coming from the pond) discharging fluids into the creek. Found dead vegetation and a flow path of fluids around the water line.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6

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Warrior Resources INC. Barina Photo 14

Inspectors: Jack Arias & Dale Selgrath	Date:1-16-13	Time: 1:30 pm
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88867, W97.20564		
Subject: Water line discharging fluids into Buckner's Creek Part 2		

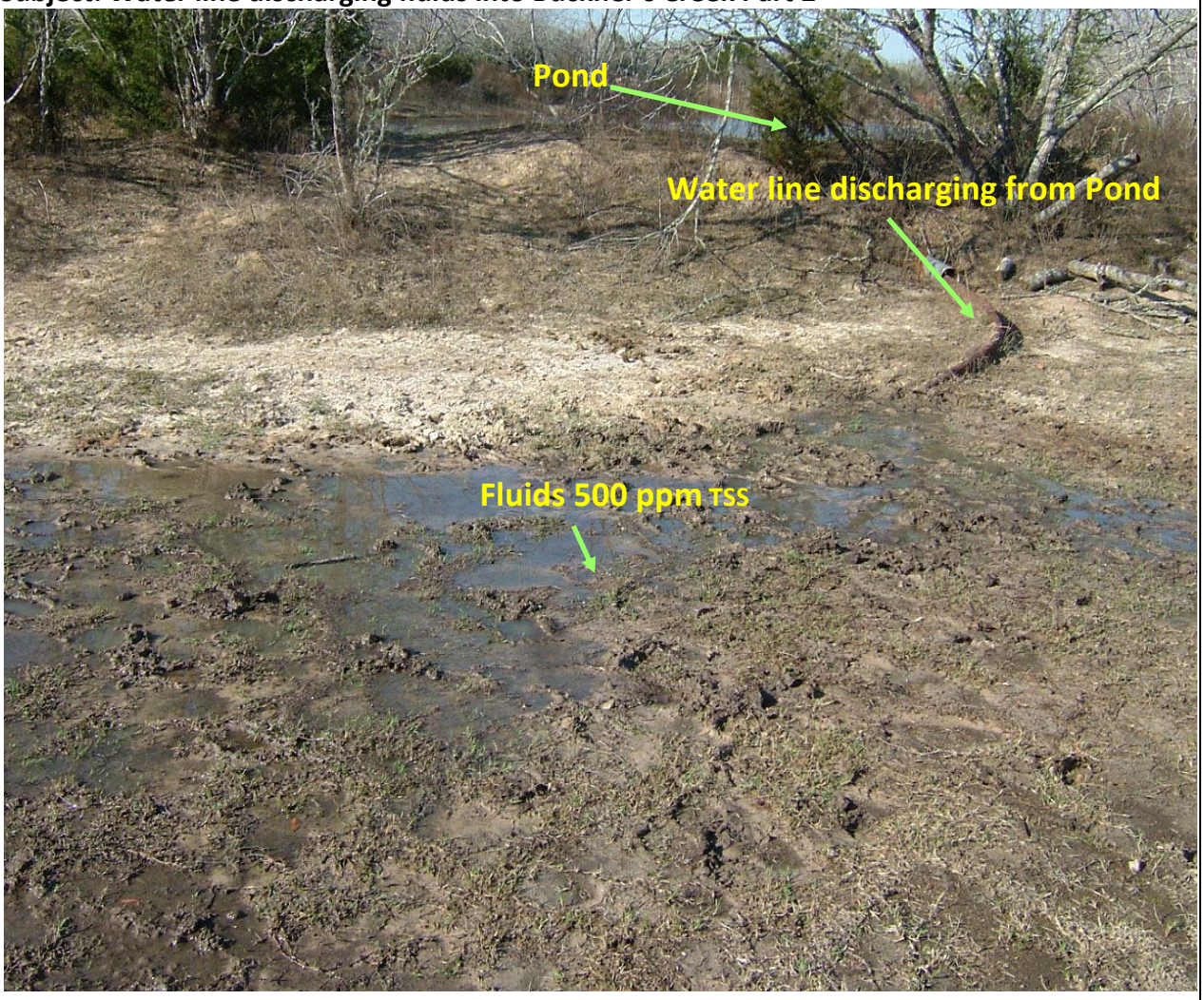

Photo #14. Facing southwest from storage tanks. Observed an overflow flow path of fluids moving towards Buckner's Creek.

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Warrior Resources INC. Barina Photo 15

Inspectors: Jack Arias & Dale Selgrath	**Date:1-16-13**	**Time: 1:40 pm**
City/County/State: Bastrop County, Texas		
Location (coordinates): N29.88867, W97.20564		

Subject: Water line discharging fluids into Buckner's Creek Part 3

Photo #15. Facing southwest from storage tanks. Observed a flow path of fluids moving towards Buckner's Creek. .

RECORD OF COMMUNICATION **BRINE PROGRAM**	_X_ Phone Call ___ Discussion ___ Field Trip ___ Conference ___ Email (Specify)	
To: Dale Selgrath and Jack Arias 6EN-WR Water Enforcement	From: TCEQ Christopher Keffer Christopher.Keffer@tceq.texas.gov	Date: 1-15-13 Time: 10:30 am hrs.

Subject: Report about oil and saltwater pollution in property. Pollution is getting into Buckners Creek which is a drinking water supply for Bastrop County.

Summary of Communication: Mr. Absher (citizen) provided information and some pictures to TCEQ. TCEQ contacted EPA and shared gather information. EPA decided to do an inspection based in an analysis and more information provided by TCEQ and Mr. Jay Absher. EPA officers will meet with Mr. Absher on Jan 16, 2013 at 9:00 pm at his property.

Conclusions, Actions Taken, or Required:

Mr. Absher will meet with EPA Enforcement officer Jack Arias and Dale Selgrath on Jan 16 at 9:00 pm (Bastrop County) to discuss Warrior Resources INC unauthorized discharges and other information relevant to the case.

1-15-2013