



Control Number: 44211



Item Number: 22

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House Bill (HB) 1600 and Senate Bill (SB) 567 83rd
Legislature, Regular Session, transferred the functions
relating to the economic regulation of water and sewer
utilities from the TCEQ to the PUC effective
September 1, 2014

44211

PHOTOGRAPHIC DOCUMENTATION

2015 JAN 12 AM 7:49

Facility Name: Frontier Park	Facility County: Sabine	Investigator: REDACTED Gerald Hebert
Investigation Number:		Investigation Date: 7/29/2013

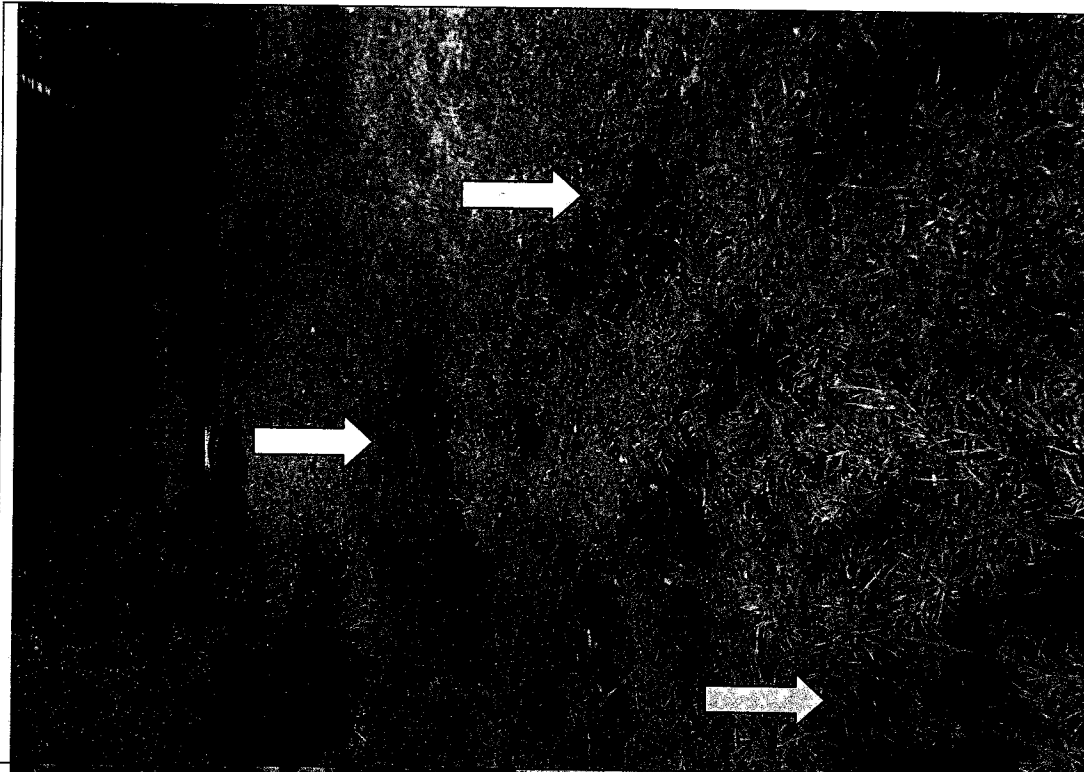


Collection system lift station. Note only one functional pump. The pump was running but was not pumping down the lift station. The Station had about 2 feet of capacity before overflowing.

Collection system lift station inside of wooden box. Note wet area around lift station evident of recent overflow.

EXHIBIT
 tabbles
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Wet ground downhill from lift station evidence of recent overflow.



Open manhole just upstream of treatment plant. Note flow in manhole.

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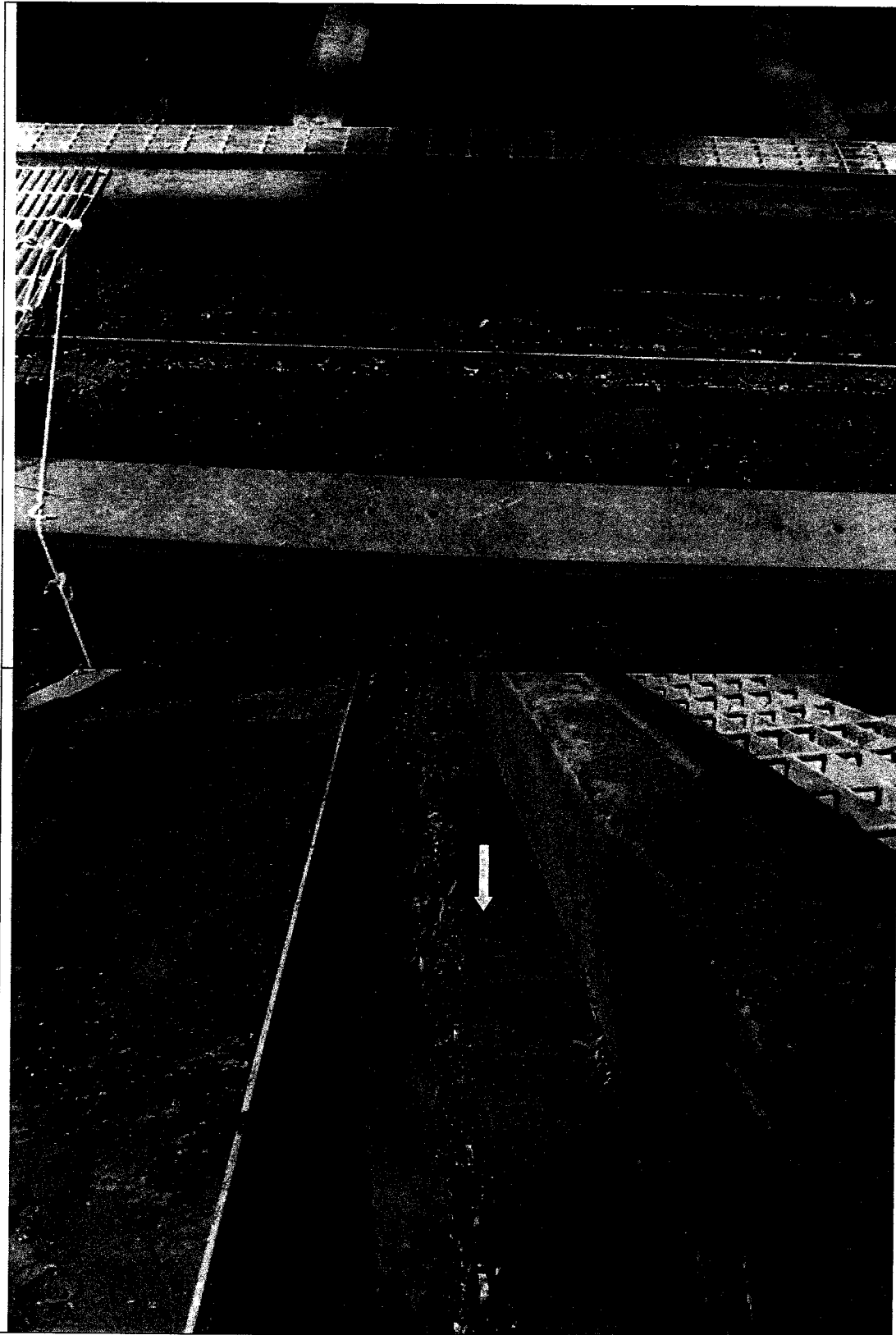


On-site lift station just upstream of treatment plant. Note only one functional pump present. Note flow into lift station.



Aeration basin in treatment plant. Note that the air was on. The mixed liquor is dark brown and appears thick.

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Clarifier and sawtooth weir. Note high amount of bulking sludge in clarifier and on sawtooth weir. You can also note the excessive sludge blanket just below the water surface. 9' sludge blanket with clarifier depth of 10'. Operational standards state that sludge blanket should be no more than 25% of the total clarifier depth.

Side view of clarifier and sawtooth weir. Note high amount of bulking sludge and sludge carryover to chlorine contact basin. Flow is toward the top of the picture

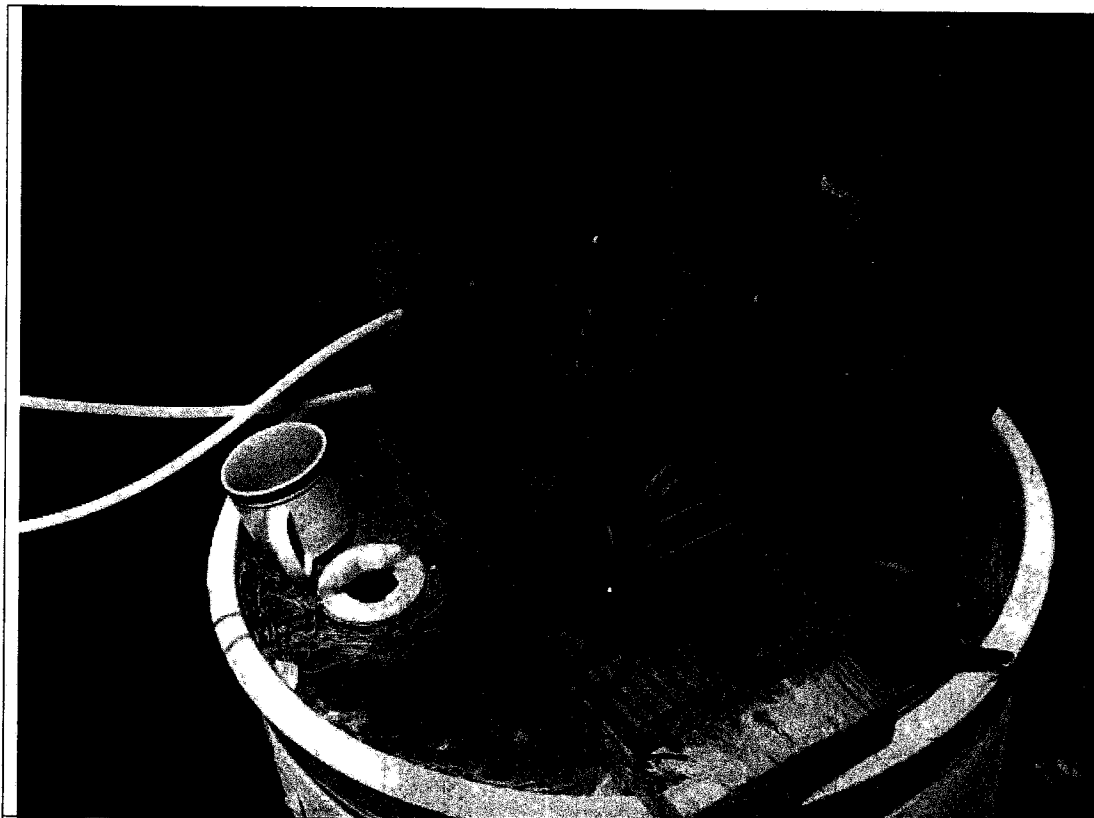
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Chlorine contact basin.
Note there was no chlorine being added to effluent.
Note severe corrosion and tan color of the effluent.
Effluent should be clear at this point.

Final basin prior to discharge to Toledo Bend Reservoir. Note high amount of bulking sludge. Basin has 1.5 feet of sludge in 2 foot basin. No sludge should be present in the basin. Sludge is being discharged to Toledo Bend. Note samples were collected just below v-notch weir (arrow).

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Chlorine pump on top of drum. Note chlorine pump was non functional.



Bottles of Clorox around wastewater treatment plant.