

Public Works

2016-2017

Work Orders

- 2016 8591 Work Orders

- 4 Eastbank Road Crews
- 4 Westbank Road Crews
- 3 Drainage Crews

- 208 work days – approx. 4 Work Orders per day per crew

- 2017 7069 Work Orders

- Since Sept 11th will equate to approx. 10,000 Work Orders

Public Works Organization Changes

- Work Planning Process
 - Weekly work plans due Monday
 - Daily work schedule
 - Overtime justification
 - Monday Actual Work Report
 - Wednesday Planning meetings

Wednesday Planning Meeting

- Project review
 - Review project: updates, status, details, obstacles
- Supervisors meeting
 - Work update and review
 - Work group talent alignment (employee development)
 - Resource alignment (manpower and equipment needs)
 - Project Development

Drainage

Project:	Manpower:	Equipment:	Duration:	Estimated Start Date:
Davis barton erosion	4 guys	excavator, 2 dump truc	3 days	WILL START AL LATER DATE
Ama Pump Station Dewater culvert	8 GUYS	LONG ARM	1 DAY	DIGGING THE CULVERT ON THE PUMP STATION SIDE
BOX CULVERTS NORCO AN THE DITCH OFF OF AIRLINE HWY	4 GUYS	EXCAVATOR, DUMP TRUCKS	8 DAYS	WILL START AT LATER DATE
WORK THAT NEEDS TO BE DONE ON THE WIER IN ORMOND	8 GUYS	EXCAVATOR	14 DAYS	WILL START ?
IN STALLING BOX CULVERTS HACKBERRY STREET LILING	10 GUYS	2 EXCAVATORS, CHERRY PICKER AN DUMP TRUCKS	5 DAYS	DON IS WORKING ON THE PLANS
139 VILLERE LEVEE SLUFF OFF	6 GUYS	EXCAVATOR AN DUMP TRUCK	5 DAYS	WILL START AT LATER DATE
CLEANING THE HAHNVILLE CANAL NORTH OF 3127AN WEST OF 3160	2 GUYS	LARGE MARSH BUGGY	120 DAYS MAYBE	ONGING
HACKBERRY CANAL- DIGGING THE CANAL	10 GUYS	EXCAVATOR	30 DAYS	WILL INSTALL SHEET PILLENS AS SOON AS THEY ARE CUT
CLEAN CORTEZ CANAL	6 GUYS	EXCAVATOR BOB CAT AN DUMP TRUCK	21 DAYS	STARTED 9-11-17
UPPER GUIDELEVEE CANAL	2GUYS	SMALL MARSH BUGGY	45 DAYS	ONGOING
CLEANING THE CANAL ALONG AIRLINE HWY IN ST ROSE	8 GUYS	EXCAVTOR AN 3 DUMP TRUCKS	10 DAYS	NEEDS TO BE DUG ON THE NORTH SIDE OF AIRLINE
END OF COURT HOUSE LANE	6 GUYS	EXCAVATOR CHIPPER ?	?? DAYS	LOOKING TO START AFTER HACKBERRY
JOB 51	10 GUYS	EXCAVATOR 4 DUMP TRUCKS	3 DAYS	WILL START TOMORROW

PUBLIC WORKS DAILY WORK SCHEDULE

EAST BANK ROAD CREWS

October 2,

2017

AREA	AREA FOREMAN	DESCRIPTION OF WORK
6	John Fleming	Norco/Montz Out Sick Operator III working with Carpenter Crew on Judy Court Montz rest of crew loading waste tires at E Harding Yard
5	Curtis Robinson	St. Rose Out Sick crew loading waste tires at E Harding Laydown Yard
1, 2, 3	Je'Quain Robinson	Destrehan Working at E Harding Laydown Yard loading waste tires
3, 6	Irvin Fauchaux	New Sarpy Working at E Harding Laydown Yard loading waste tires and cleaning yard.

Telemetry Group

Thursday, September 17, 2015

9/17/2015

<u>Employees</u>	<u>Location & Brief Description</u>	<u>Est. Time</u>
Terry Breaux	Working on Waste Water Plant Upgrade. Training	10
Meme Robbins	Programming for Wastewater Lift Stations. Training	10
Travis Sequeira	Programming. Training	10
Wade Dufrene	Programming cameras. Working on drawings. Training	10
David Williams	Troubleshooting an issues at Tibby Pump Station. Training	10
Brandon Lowry (Helper)	Assisting at Tibby Pump Station. Training	10
Andrew Howard	Working on panels at 3127 Lift Station. Training	10
Dean Champagne (Helper)	Assisting with 3127 Lift Station. Training	10
Bobby Smith	Ordering parts and working on Electrician's Warehouse inventory. Putting together solar panel. Training	10
Evan Barbier (Helper)	Assisting with inventory and solar panel. Training	10
Joe Miller	Generator install at Paradis Pump Station. Troubleshooting issues with engine at Destrehan I Pump Station. Training	10
Blake Schexnaydre (Helper)	Assisting at Paradis and Destrehan I Pump Stations. Training	10
Blake Schexnaydre (Helper)	Assisting at Destrehan I Pump Station.	10

Grass Crews

Date	9/28/2017
East Bank	Adrian Petetant - Leadman
Grass Tractors	(504) 376-3618
	cutting in destrehan areas 5,6,7,8,9, from 6:30to4:00
Grounds Keepers	
	cutting and weeding in montz and norco areas 1,2,3,4,5,6 from 6:30to11:00 areas 7,8,9,10,11, from 11:30to4:00
West Bank	Jim Lumar - Senior Grass Cutter
Grass Tractors	(504) 908-2276
	cutting in kilona on off road areas
Grounds Keepers	
	cutting and weeding in south fashion and fashion blvd on river road ama area and lakewood area

PUBLIC WORKS CARPENTER CREW

DATE 10/2/17

CARPENTER

MARK EDWARDS
ASHTON WHANN

W / O # LOCATION / ADDRESS
E-17-35042 105 & 115 JUDY CT., MONTZ
E-17-35035 549 EVANGELINE RD., MONTZ

DESCRIPTION OF WORK
FORM & POUR 2 STREET CATCHBASIN TOPS
WRECK FORMS

JASON FRICKEY
RICHARD TRACY

W-17-32409 600 GREGORY DR., LULING

FORM & POUR NORTH HALF STREET PANEL

CHECK JOBS

W-17-33972 HACKBERRY CANAL, (END OF CANAL ST)
E-17-34268 PLANTATION DR., DESTREHAN
E-17-34970 150 WIDGEON DR. @ SEALY BUS. CENTER
E-17-34971 JAMES DR. @ RANDA CORPORATION
ORMOND WEER DESTREHAN

BUILD HEADWALL
REPLACE STREET PANEL & 4 CATCHBASINS
REPAIR BROKEN CATCHBASIN
REPAIR BROKEN CATCHBASIN BY DRIVEWAY
FORM & POUR AROUND GATE VALVE

Employee Training

- Generator Maintenance Training
- Delgado Milwright Training

Public Works Organization Changes

- Asset Management
 - Asset tracking
 - Work order development
 - Preventive Maintenance
 - Repetitive failures
 - Root cause analysis
 - Mitigation

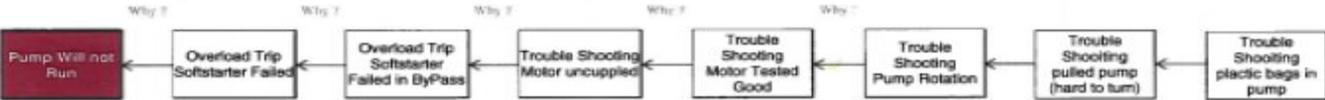
RCA Problem Statement

Step 1. Define the Problem

What	Problem(s)	Failure to Start	
When	Date	August 12, 2017	
	Time	6:00 PM	
	Different, unusual, unique		
Where	Facility, site	Old Kellogg Pump Station	
	Unit, area, equipment	Pumps #1 and #2 not working	
	Task being performed		
Impact to the Goals		0	
	Safety		
	Environmental		
	Customer Service		
	Regulatory		
	Production/ Schedule		
	Property/ Equipment	Pump out of service	
	Labor/ Time		
		This incident	\$0
	Frequency		
		Annualized Cost	\$0

RCA Logic Tree

Failure to start - Pumps #1 and #2 not working
 Step 2, Analysis
 Cause Map



- Safety Goal Impacted
- Environmental Goal Impacted
- Customer Service Goal Impacted
- Regulatory Goal Impacted
- Production/Schedule Goal Impacted
- Property/Equipment Goal Impacted
- Labor/Time Goal Impacted

RCA Mitigation Action

Step 3. Solutions

Corrective Actions to be implemented

Since solutions control specific causes, every action item (solution) should correspond to a cause from the Cause Map. This provides continuity from the analysis to the action items. Only those causes with action items (solutions) are listed in this table.

No.	Action Item	Cause	Owner(s) (Names)	Date Due	Status- Completed	Notes	Verification (Check of effectiveness)
1	Install Debris Basket in sump	Pumps #1 and #2 not working due to plastic bags	Chris Tregre	12/31/2017			
2							
3							
4							
5							
6							
7							
8							
9							
10							

Pump Out of Service

- List of pumps out of service with current condition Sept 26th.
- Paradis 30" pump. Pump installed and back in service.
- Old Kellogg 8" pump. Pump installed and back in service.
- Hahnville High 16" hydraulic pump. Pump installed and back in service.
- Cousin pump #8, 48". Flywheel installed and pump back in service.
- Destrehan#1, pump #3: The pump is currently being repaired by PSI and is expected back in 9 weeks. No capacity issue.
- Willowdale pump #2: The parts for the gear box are expected within the next 4 weeks. The parts will be installed when received. No capacity issue.
- Sunset pump #2: The repairs to this pump are expected to be completed and back to us by the end of October. Two 36" hydraulic pumps are the back up for this pump until it is reinstalled.
- Oakland 18" pump: a discharge pipe problem exists with this pump. It can be operated if an emergency occurs. We are currently scheduling to slip line this pipe to resolve the issue. BLD has the project.
- This report covers all pumps which have been recently repaired and put back into service and those which are still out of service at this time.

Pump Out of Service Board

location	station	pump	out of serv	reason	Pump mitigation	capacity	due	root cause a	RCA mitigation	completion
Destrehan	destrehan 1	#5	8/17/2017	failure	station capacity	100%	12/30/2017	9/5/2017	bar screen repair	
Norco	engineers	#2	8/21/2017	bearing faliure	spare pump	100%	1/17/2018	no		
Kellogg	Mimosa	#1	8/25/2017	bearing faliure	replaced	110%	10/25/2017	9/5/2017	screen box	
Kellogg	Mimosa	#2	8/25/2017	bearing faliure	replaced	110%	10/30/2017	9/5/2017	screen box	

2017 Projects

- Roads and Drainage - \$7,000,000
- Wastewater - \$8,000,000

Projects

2017 Roads and Drainage \$7M

- Highland Estates/Engineers Canal Shoring
- Hackberry Canal cleaning and Shoring
- Dunleith Canal Ph 5 and 6
- Mimosa pump station
- Parishwide Telemetry at Pump Stations
- Drainage Gate US 61 at Prescott
- East and West Plantation Road conveyance
- US61 conveyance

Projects

- Ormand Interior Drainage Impacts
- Cypress Lakes Retention
- Schexnayder Pumps station Upgrades
- Cortex Pump station rebuild
- Sunset Pump station pump addition and rebuild
- Wade Street drainage improvements
- Pine Street culverts improvements
- Destrehan I improvements
- Ama Pump Station
- Engineers Canal Upgrade

Project Development

61 Internal planned projects to be developed, prioritized, managed, and implemented.

Project	Location
Install 500' of subsurface	1114-1232 E. Harding, New Sarpy
Clear trees and excavate new canal	Railroad Ave. to Engineers Canal, Norco
Replace single 48" culvert to 2-48" culvert	Parish Line ditch, Montz
Replace and reset on grade first 2 culvert crossings	West Side of Thoroughbred Ave., Montz
Sweep / Dig out Coulee Canal	from Thoroughbred Ave. to sub surface culverts on Evangeline Rd., Montz
Install Sheet Piles	201 Country Cottage along ditch bank, Montz
Clear trees	between KCS and CN R/R from Riverbend to Parish Line, St. Rose
Dig new ditch on Entergy ROW	between KCS and CN R/R, Montz
Line rotten culverts	Ormond Center Parking Lot
Short-term repair project discharge pipe	Oakland Pump Station
Long-term pipe replacement project	Oakland and Fairfield Pump Station
Evans-Graves engineering study to install pumping to solve the Ormond flooding problem	Ormond
Digging the Canal	Hackberry Canal
Weir in Ormond	Ormond
Upper Guidelevee Canal	
Cleaning the Hahnville Canal	Hahnville
Ama Pump Station	Ama
Clean Cortez Canal	
Willowdale intake canal levee	

Sugarhouse Road Canal	
Install culverts coulee	Montz
End of Court House Lane	
Installing culverts coulee	Montz
40 Arpert Canal	Hahnville
Clearing trees from the R/R right of way	Along Rail Road Ave., Norco
Sweeping and upgrading drainage on Crespo	St. Rose
Replacing bad culverts	Troxclair Ln, New Sapry
Change out bad culverts and sweep ditch to center ditch	Behind 42 and 44 Elmwood, St. Rose
Improve Ormond cross ditches	Destrehan
Install subsurface drainage on Plantation	Across from Elementary School, Destrehan
Install subsurface drainage along tracks because of failing ditch banks	From River Village to Ormond Village, Destrehan
Install subsurface in the center ditch of Turtle Pond where access is limited and the bank is failing	St. Rose
Drainage improvements	Carolyn Dr., New Sarpy
Street needs hot mix	1217 Gassen St., Luling
Install culvert under Railroad Ave	End of Both sides of Post Street, Killona
Repair Asphalt where sewer repair was made	1337 Paul Frederick, Luling
Change out culvert (driveway) washing away	507 Kennedy St., Ama
Change out culvert (driveway) washing away	505 Kennedy St., Ama
Change out culvert	503 Kennedy St., Ama

Dig Ditch and change out culvert	325 Kennedy St., Ama
Replace collapsed culvert	55 Chestnut Pl, Luling
Dig Ditch and change out culvert	379 Marcia Dr., Luling
Clean swale between the up railroad track and the nola pump station	Behind Evelyn Dr., Luling
Replace asphalt crossing	Up the bayou road by old DeJean store, Des Allemands
Blow culverts and clean out ditches of debris	Old Spanish Trail - Mosella, Paradis
Change out collapsed culvert with larger culvert	LeBlanc Lane, Bayou Gauche
Clean out any fill, washout, or sedimentation	Behind 137 Bayou Estates Drive, Bayou Gauche
Repair potholes	Entire Length of Savoie Lane, Des Allemands
Clean out ditch on right hand side of Dixie Drive	From LA 306 to Canal No. 10 on Dixie Drive, Bayou Gauche
Please inspect the culvert for under size, blockage, or other issues	193 Mitchell Lane, Des Allemands
Patch the failed asphalt at the sewer manhole	Wisner Street next to Zydeco's, Paradis
Repair broken-up roadway	Up the bayou road, Des Allemands
Inspect/Clean culverts and ditches on south side of Matthew Drive	From first street to LA 306, Bayou Gauche
Clean the ditches	Vicinity of 114 Heather and Intersecting Streets, Luling
Repair Asphalt where sewer repair was made	St. Nicholas and West Heather, Luling
Sweep the ditch and blow out all culverts	Ashland Drive, Luling
Replace separated culvert under River Oaks	River Oaks Dr. and Hwy 90, Luling
Sweep/Clean the ditches and culverts along the West Side of River Oaks	From Hwy 90 to Primrose Drive, Luling
Sweep Ditches that are blocking water to drain through the golf course	Between 3 and 5 Zee Ann St., Willowdale
Inspect the slope pavement for needed repairs and repair as needed	Avery St., Luling

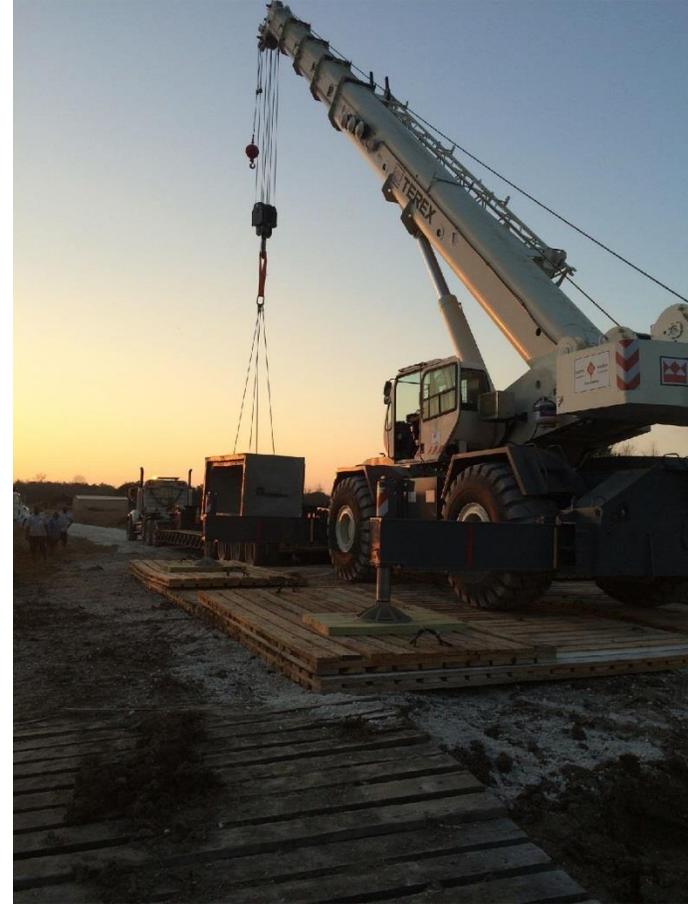
Internal Projects – Canal Cleaning

- Cousins
- Engineers
- Hahnville
- St Charles
- 80 Arpent
- Hackberry
- Cortez
- Upper Guide Levee Canal
- Sunset
- Hymel
- Prescott at Airline
- St Charles Canal

Internal – Canal Cleaning

- Ama – Alice (received)
- Sugarhouse Rd (working)
- St Rose North US 61
- 40 Arpent

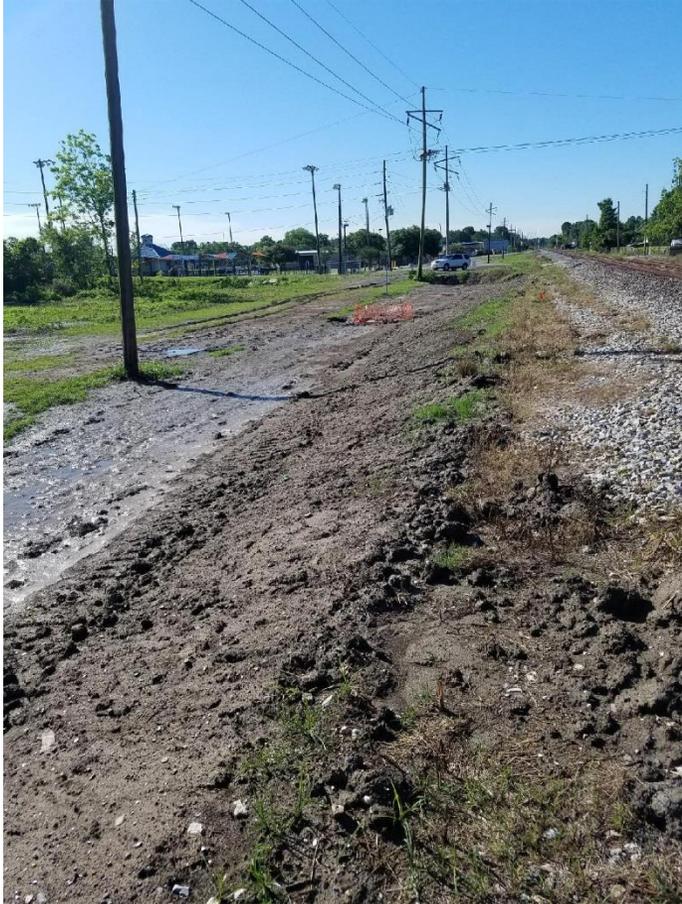
Canal #10 Box Culverts



Hackberry Installation of 72" culverts



Railroad Subsurface



Willowdale Sheetpile



US 61 at Prescott Gate



Pump Maintenance



Canal Cleaning



Services



2017 WDSU Rainfall as of 8/31

