

## PELICAN CREEK OUTFALL/OLD CAUSEWAY OUTFALL

March 8, 2023

## AERIAL PHOTO OF PELICAN CREEK OUTFALL (YELLOW) AND OLD CAUSEWAY OUTFALL (ORANGE) PRIOR TO PUBLIC WORKS MAINTENANCE ACTIVITY.



OLD CAUSEWAY RD LOOKING NORTH AT PELICAN CREEK OUTFALL (YELLOW)



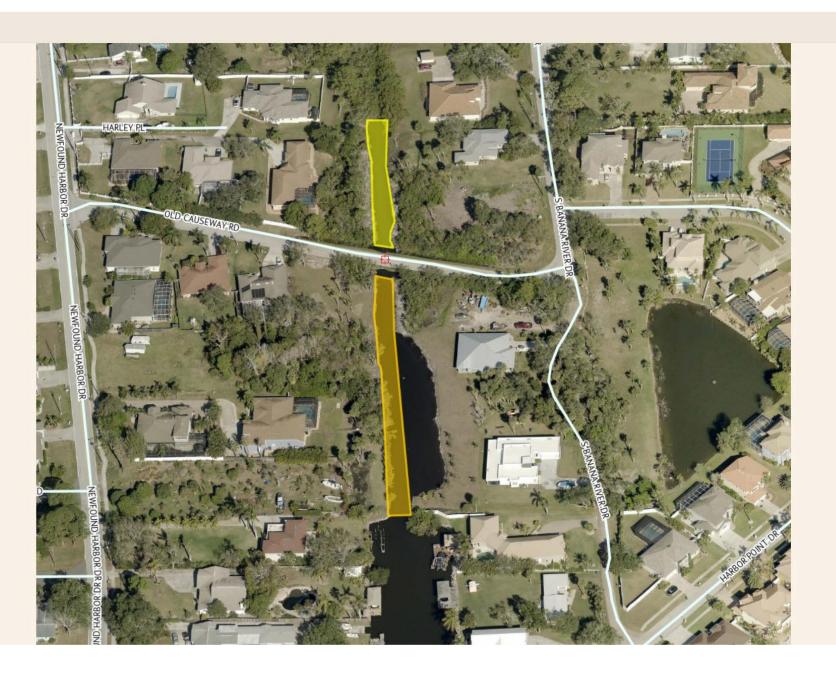
OLD CAUSEWAY RD LOOKING SOUTH AT OLD CAUSEWAY OUTFALL (ORANGE)



AERIAL PHOTO OF PELICAN CREEK
OUTFALL (YELLOW) AND OLD
CAUSEWAY OUTFALL (ORANGE)
AFTER PUBLIC WORKS
MAINTENANCE ACTIVITY AND
HOMEOWNER EXCAVATION OF OLD
CAUSEWAY OUTFALL.

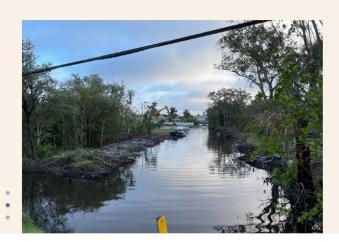


OLD CAUSEWAY RD LOOKING NORTH AT PELICAN CREEK OUTFALL (YELLOW) COUNTY'S MAINTENANCE ACTIVITY INCLUDED REMOVAL OF MULCHED VEGETATION AND APPROXIMATELY TWO (2) INCHES OF MUCK FROM THE OUTFALL AND LAID ON THE TOP OF BANK. OUTFALL CLEANING TAPERED OFF TO THE NORTH WITH MINIMAL SPOIL ON BANKS.





OLD CAUSEWAY RD LOOKING SOUTH AT OLD CAUSEWAY OUTFALL (ORANGE) NOTE: COUNTY'S MAINTENANCE ACTIVITY INCLUDED THE REMOVAL OF MULCHED VEGETATION AND ABOUT SIX (6) TO EIGHT (8) INCHES OF MUCK AT THE PIPE CROSSING, THEN TAPERING DOWN TO ABOUT 2 INCHES OF MUCK AT THE SOUTH PROJECT LIMITS. REMNANTS OF THE DEBRIS REMOVAL CAN BE SEEN ON THE LEFT (EAST) SIDE OF THE PHOTO FOR A SHORT DISTANCE DUE TO THE PROPERTY OWNER DREDGING ACTIVITY. TO THE RIGHT (WEST), THE PROPERTY OWNER INSTALLED SOD. TO THE SOUTHEAST, THE PROPERTY OWNER HIRED A CONTRACTOR TO DO SIGNIFICANT DREDGING AND EXCAVATION OF THE OUTFALL.







OLD CAUSEWAY OUTFALL LOOKING SOUTH AFTER PROPERTY OWNER STARTED HIS DREDGING-EXCAVATION OPERATION OUTSIDE THE WIDTH OF THE ORIGINAL OUTFALL.



OLD CAUSEWAY OUTFALL LOOKING SOUTH NEAR THE PROPERTY OWNER'S DREDGING-EXCAVATION OPERATION.



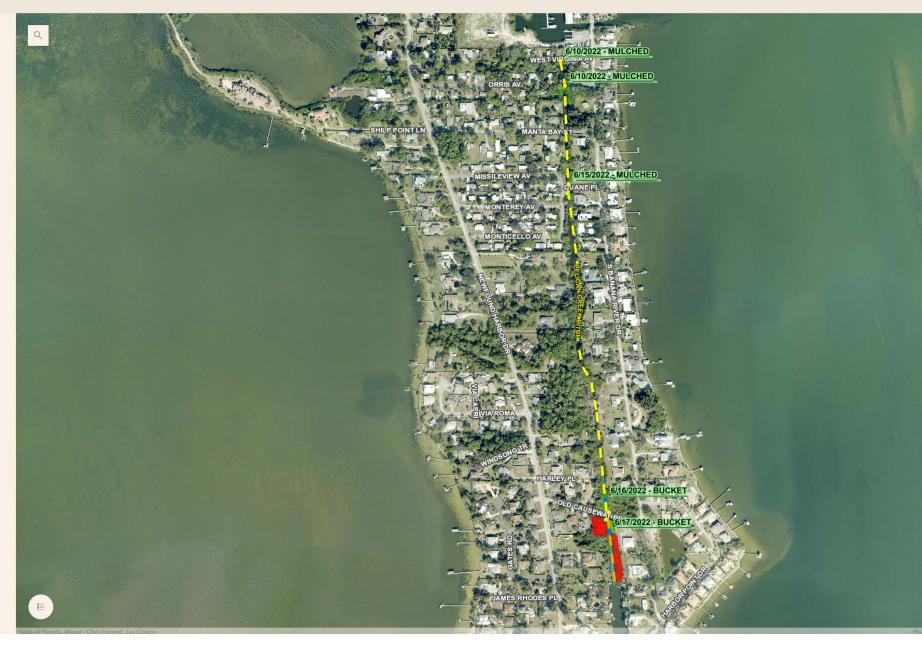


BREVARD COUNTY ROAD AND BRIDGE OUTFALL MAINTENANCE TIMELINE

**COMPLETED FROM 6/9/22 - 6/17/22** 

## PELICAN CREEK OUTFALL/OLD CAUSEWAY OUTFALL MULCHING

- THE OPERATOR STARTED DRAINAGE MAINTENANCE ON THE
- NORTH SIDE OF OLD CAUSEWAY RD WITH THE KAISER (WALKING
- EXCAVATOR) (SEE PHOTO BELOW).



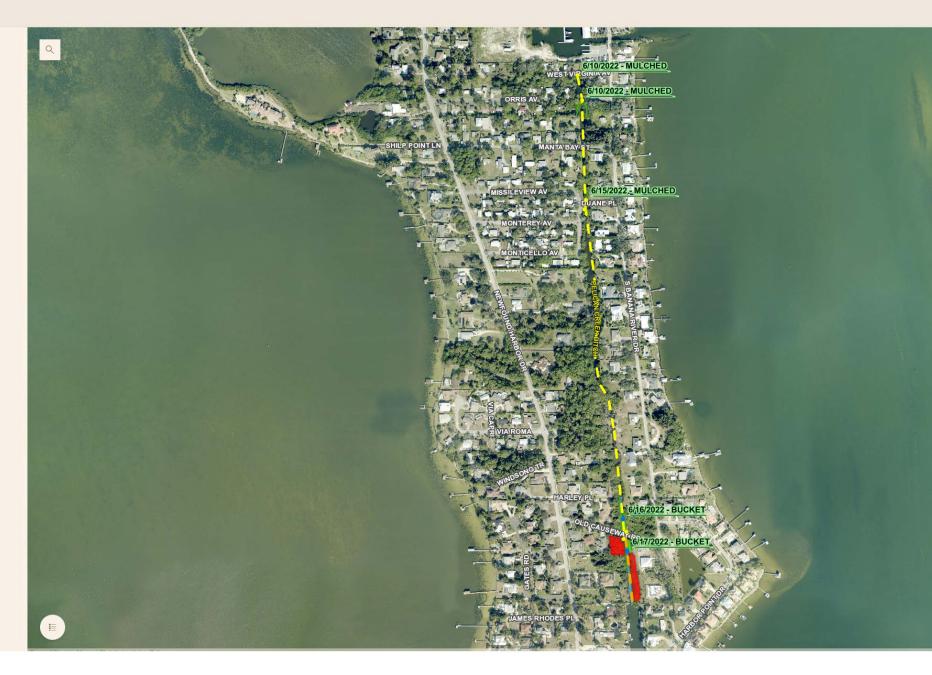


WALKING EXCAVATOR WITH MULCHING ATTACHMENT (KAISER)

THURSDAY 6/9/22 - KAISER ENTERED PELICAN CREEK OUTFALL NORTH OF OLD CAUSEWAY RD. REMOVED VEGETATION INSIDE OUTFALL AND STOPPED 240'± NORTH OF OLD CAUSEWAY RD. ALSO MULCHED 10' ± ALONG THE EAST AND WEST BANK WITHIN THE 240'. MAINTENANCE ACTIVITY TAPERED OFF TO THE NORTH WITH MINIMAL SPOIL DEPOSITS ON THE BANK.



OLD CAUSEWAY RD - PELICAN CREEK OUTFALL LOOKING NORTH BEFORE MAINTENANCE - UNKNOWN DATE



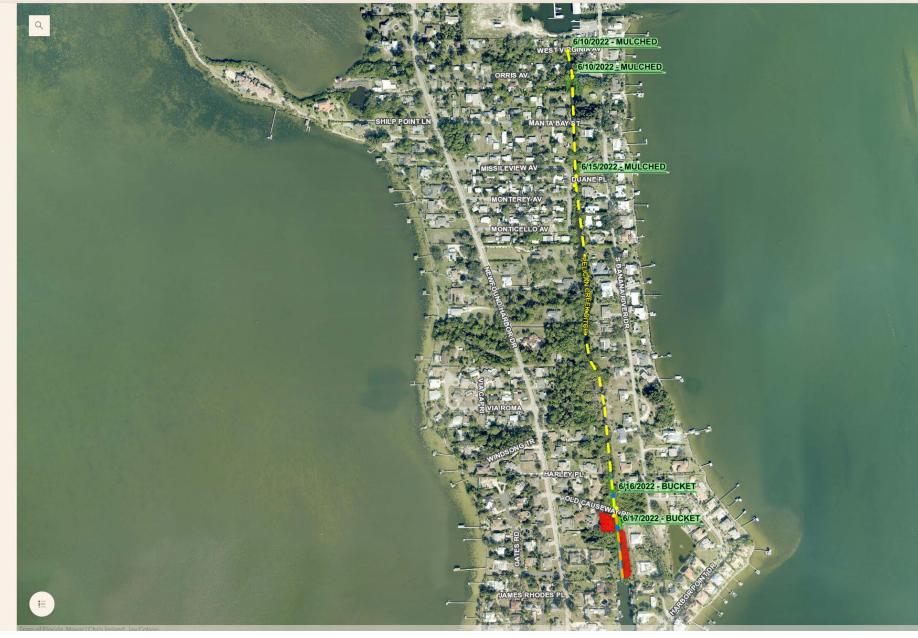


OLD CAUSEWAY RD - PELICAN CREEK OUTFALL LOOKING NORTH DURING MAINTENANCE (JUNE 2022). ACTIVITY TAPERED TO THE NORTH WITH MINIMAL SPOIL DEPOSITS ON THE BANK

DUE TO A LOW-HANGING POWERLINE SOUTH OF OLD CAUSEWAY RD, THE MAINTENANCE OPERATION MOVED NORTH TO WEST VIRGINIA AVENUE UNTIL THE ISSUE COULD BE RESOLVED BY FPL.

FRIDAY 6/10/22 THE KAISER ENTERED AT WEST VIRGINIA AVE HEADING SOUTH AND MULCHED ABOUT 25' ON THE EAST, NORTH, AND WEST SIDE OF PELICAN CREEK OUTFALL - VERY LIMITED TRIMMING AS CAN BE SEEN IN THE PICTURE BELOW.



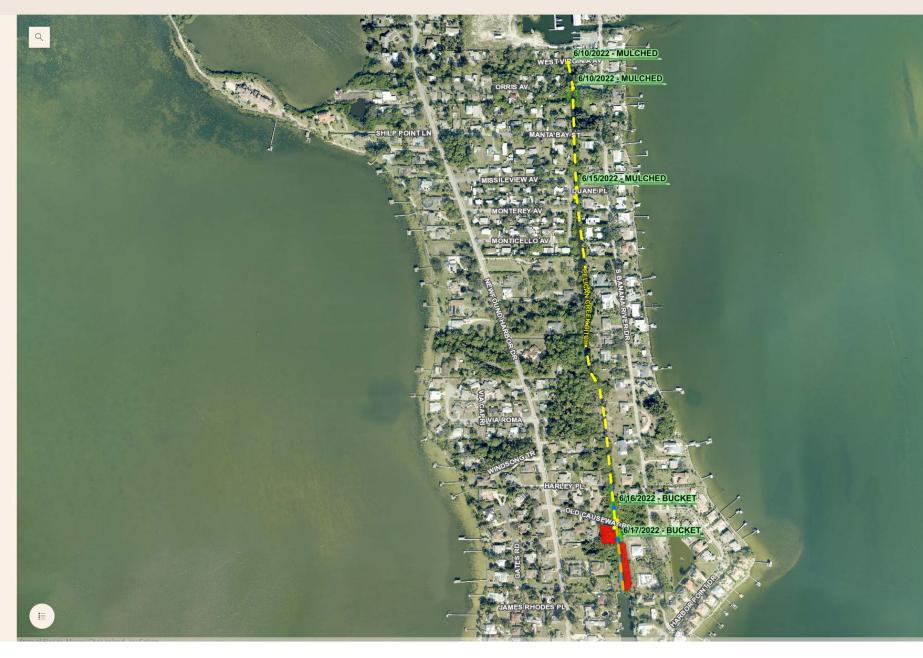




WEST VIRGINIA AVE PELICAN CREEK OUTFALL LOOKING SOUTH

FRIDAY 6/10/22 - KAISER ENTERED AT ORRIS AVE AND
PERFORMED LIMITED MULCHING OF VEGETATION ALONG EAST
AND WEST BANK - VERY LIMITED TRIMMING AS CAN BE SEEN IN
THE PICTURE BELOW





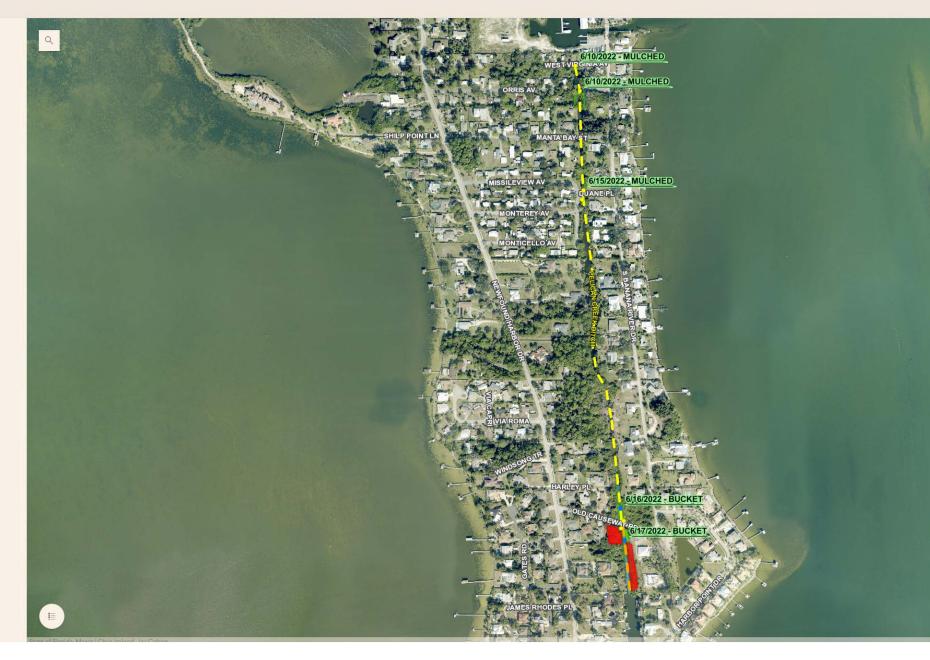


PELICAN CREEK OUTFALL LOOKING SOUTH FROM ORRIS AVE

TUESDAY 6/14/22 - FPL RAISED THE POWERLINES AND KAISER ENTERED THE OLD CAUSEWAY OUTFALL AND MULCHED VEGETATION INSIDE THE OUTFALL FROM OLD CAUSEWAY RD, SOUTH 400'±. ALSO MULCHED 10' ± ALONG THE EAST AND WEST BANK. REMOVAL OF MULCHED VEGETATION INSIDE THE OUTFALL AND APPROXIMATELY TWO (2) INCHES OF MUCK WERE LAID ON THE TOP OF THE BANK



- OLD CAUSEWAY RD OLD CAUSEWAY OUTFALL LOOKING SOUTH BEFORE
- MAINTENANCE ACTIVITY UNKNOWN DATE



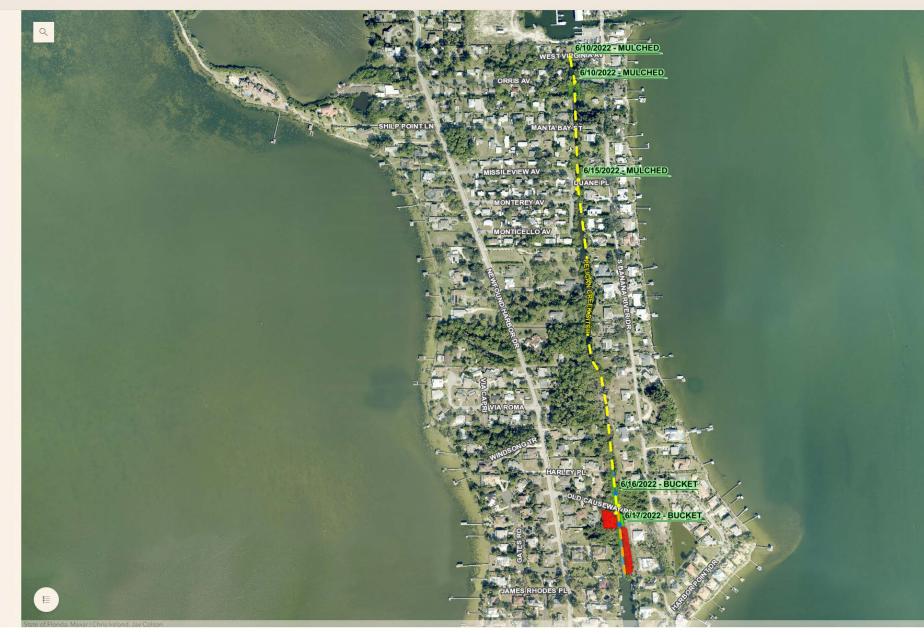


OLD CAUSEWAY RD - OLD CAUSEWAY OUTFALL LOOKING SOUTH (JUNE 2022)

COUNTY MAINTENANCE ACTIVITY INCLUDED MULCHED VEGETATION INSIDE THE OUTFALL FROM OLD CAUSEWAY RD, SOUTH 400'±. ALSO MULCHED 10' ± ALONG THE EAST AND WEST BANK. REMOVAL OF MULCHED VEGETATION INSIDE THE OUTFALL AND APPROXIMATELY TWO (2) INCHES OF MUCK WERE LAID ON THE TOP OF THE BANK

WEDNESDAY 6/15/22- KAISER ENTERS DUANE PLACE HEADING NORTH 40'±. OPERATOR MULCHED VEGETATION FROM PELICAN CREEK OUTFALL - VERY LIMITED TRIMMING AS CAN BE SEEN IN THE PICTURE BELOW



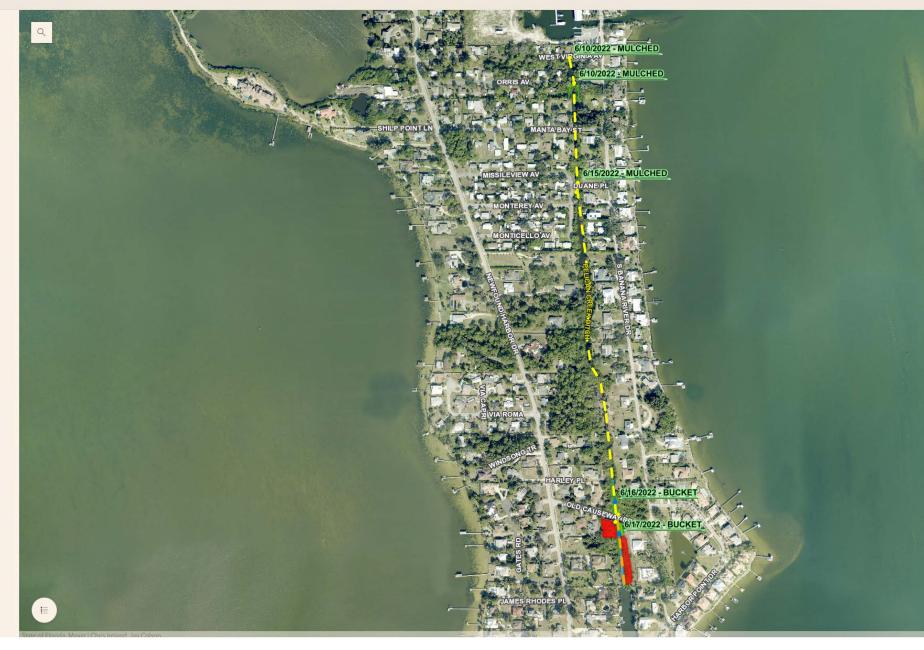




PELICAN CREEK DITCH LOOKING NORTH FROM DUANE PL

WEDNESDAY 6/15/22- KAISER ENTERS DUANE PLACE HEADING SOUTH 24'±. OPERATOR MULCHED VEGETATION FROM PELICAN CREEK OUTFALL - VERY LIMITED TRIMMING AS CAN BE SEEN IN THE PICTURE BELOW. DUE TO OUTFALL DEPTH, THE OPERATION COULD NOT CONTINUE ANY FURTHER SOUTH.





## PELICAN CREEK OUTFALL/OLD CAUSEWAY OUTFALL BUCKET CLEANING

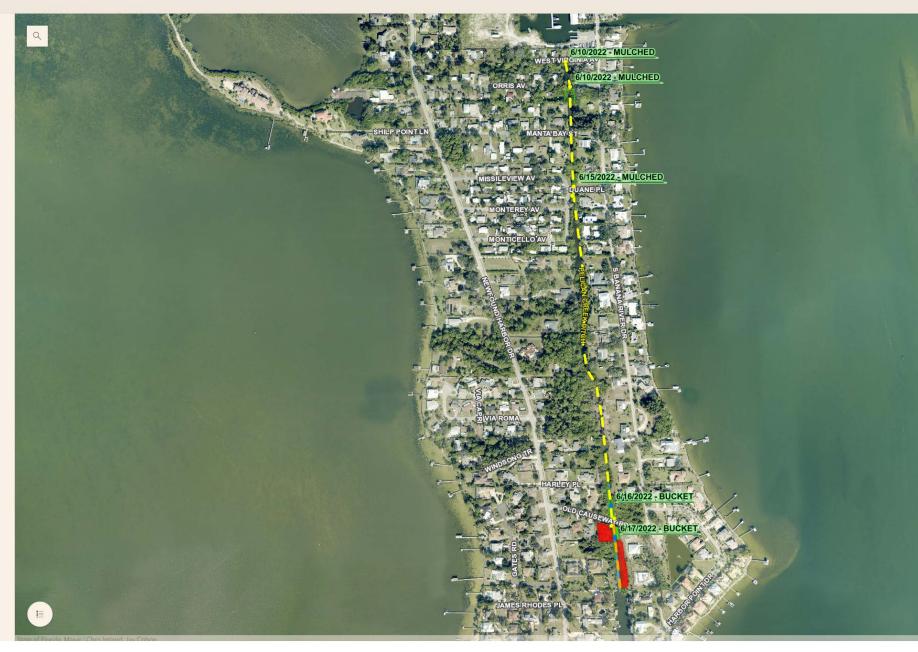
6/16/22 - KAISER RE-ENTERED AT OLD CAUSEWAY ROAD
HEADING NORTH AND REMOVING VEGETATION PREVIOUSLY
MULCHED INSIDE PELICAN CREEK OUTFALL.



PELICAN CREEK OUTFALL LOOKING NORTH FROM OLD CAUSEWAY RD

6/17/22 - KAISER RE-ENTERED AT OLD CAUSEWAY ROAD HEADING SOUTH AND REMOVING VEGETATION PREVIOUSLY MULCHED INSIDE OLD CAUSEWAY OUTFALL.



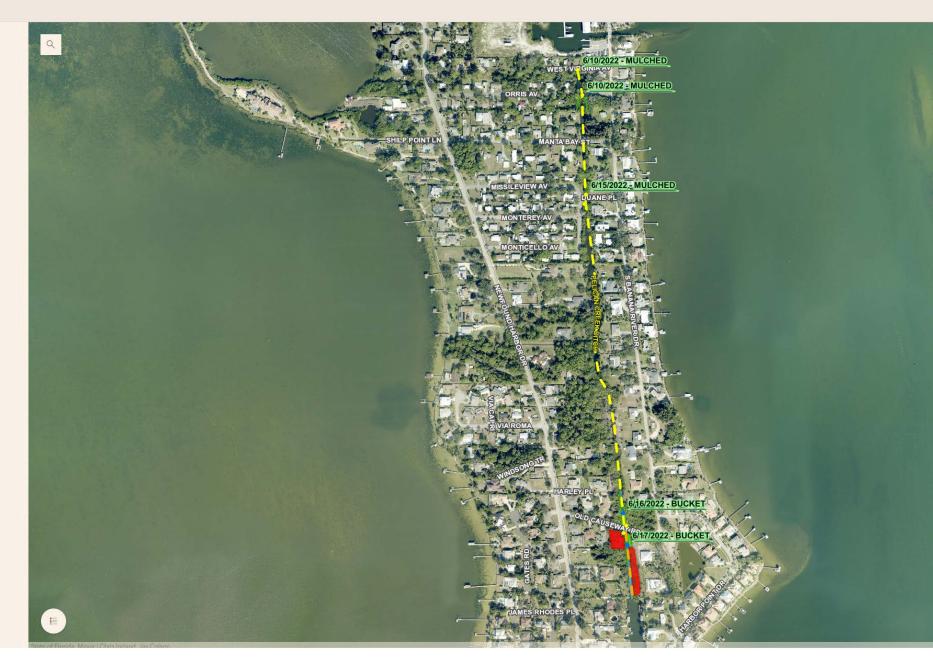




OLD CAUSEWAY OUTFALL LOOKING SOUTH (AUGUST 2022) NEW SOD HAS BEEN INSTALLED AND BOAT DECK CONSTRUCTED BY THE PROPERTY OWNER.



OLD CAUSEWAY OUTFALL LOOKING SOUTH FROM OLD CAUSEWAY RD AFTER PROPERTY OWNER DREDGED AND EXCAVATED THE OUTFALL.



RED = AREA ALTERED BY HOMEOWNER

YELLOW = PELICAN CREEK OUTFALL

ORANGE = OLD CAUSEWAY OUTFALL



Old Causeway Outfall - Homeowner Excavator



