



ORANGE COUNTY UTILITIES  
DISCHARGE REPORT

9150 Curry Ford Road, Orlando, FL 32825  
Field Services Support Center: Phone - 407-836-6818  
E-Mail: ud-fsc@ocfl.net  
Dispatch (outside business hours): Phone - 407-836-2777

NAME OF INCIDENT: Laurel Hill Dr, Gravity Main, 02/10/21

WO#: 16427918

GENERAL INFORMATION

Permitted Facility Name, Permit Number, & Service Area: Northwest Water Reclamation Facility (NWRf), FLA10798, West Service Area  
Responsible Party, E-Mail, & Phone: Troy Layton, Manager, OCU Field Services Division, Troy.Layton@ocfl.net, 407-254-9794

NOTIFICATIONS

Preliminary NRC Contact:  Date: N/A Description: \_\_\_\_\_  
Preliminary FDEP Contact:  Date: N/A Description: \_\_\_\_\_  
EPD Assistance Requested:  Date: N/A Description: \_\_\_\_\_  
State Watch Office:  Date: N/A Time: \_\_\_\_\_ SWO Case Number: \_\_\_\_\_  
DEP Public Notice of Pollution:  Date: N/A Time: \_\_\_\_\_ DEP Incident ID: \_\_\_\_\_  
DEP 24 Hr E-mail Notice:  Date: 02-11-21 Time: 1151 hrs. [Dep\\_Cd@Dep.State.Fl.Us](mailto:Dep_Cd@Dep.State.Fl.Us)

LOCATION OF FAILURE (Refer to Attached Map)

Location of Failure All Children Way, Orlando, FL 32818  
State Plane Easting 500360 ft. Northing 1540349 ft.  
Nearest Physical Address to Failure/Malfunction: 8500 Laurel Hill Dr, Orlando, FL 32818

SPILL CHARACTERISTICS

Wastewater  Reuse/Reclaimed Water  Sodium Hypochlorite (NaOCl)  
 Partially Treated \_\_\_\_\_  Treated \_\_\_\_\_  Other \_\_\_\_\_  
Estimated Volume Discharged 150 gallons Time Overflow Started / Detected 12:20pm Date 2/10/2021  
Estimated Volume Recovered 120 gallons Time Overflow Stopped 14:37pm Date 2/10/2021  
Estimated Volume to US Waters 0 gallons

DISCHARGE SOURCE: Wastewater Gravity System

ASSET INFORMATION

Asset ID (Pipe ID, Valve #, or PS #) 30130002-30130001 Pipe Markings N/A  
Associated Main ID (valves only) N/A Manufacturer N/A  
Sub Area 3013 Date of Mfr N/A  
Plan File # 2592 Class N/A  
Pipe Size 8 inch DR / SDR N/A  
Pipe Material VCP Other Observations N/A  
Pipe Depth 3 feet

CAUSE OF INCIDENT			
<input type="checkbox"/> <b>Pipe Failure</b> <input type="checkbox"/> Main Cracked / Split <input type="checkbox"/> Main Corrosion / Deterioration <input type="checkbox"/> Fitting Failure <input type="checkbox"/> Gasket Failure <input type="checkbox"/> Joint Separated <input type="checkbox"/> Wastewater Lateral Issue <input type="checkbox"/> RW Service Issue <input type="checkbox"/> Other (See Description)	<input checked="" type="checkbox"/> <b>Contractor or 3<sup>rd</sup> Party</b> <input type="checkbox"/> Directional Drill <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> Failed Flow Bypass <input type="checkbox"/> Fill Material Blockage <input type="checkbox"/> Other Construction Activity <input type="checkbox"/> Vehicular Damage - ARV <input type="checkbox"/> Transport <input type="checkbox"/> Vandalism <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>O&amp;M or In-House Construction Activity</b> <input type="checkbox"/> Failed Flow Bypass <input type="checkbox"/> Valve Open / Closed <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>Valve Failure</b> <input type="checkbox"/> Gate <input type="checkbox"/> Plug <input type="checkbox"/> Check <input type="checkbox"/> Blowoff <input type="checkbox"/> Ball <input type="checkbox"/> Butterfly <input type="checkbox"/> Other (See Description)
<input type="checkbox"/> <b>Blockage</b> <input type="checkbox"/> Grease <input type="checkbox"/> Roots <input type="checkbox"/> Sand/Soil <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>ARV Failure</b> <input type="checkbox"/> Corrosion <input type="checkbox"/> Malfunction <input type="checkbox"/> Blockage <input type="checkbox"/> Pipe/Fitting Failure <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>Malfunction Due to Grease, Rags, or Debris</b> <input type="checkbox"/> Level Sensor Malfunction <input type="checkbox"/> Pump Malfunction <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>Mechanical Failure</b> <input type="checkbox"/> Pump <input type="checkbox"/> Other (See Description)
<input type="checkbox"/> <b>Weather</b> <input type="checkbox"/> Infiltration/Inflow (I/I) <input type="checkbox"/> Power Failure-Wind <input type="checkbox"/> Power Failure-Lightning <input type="checkbox"/> Damage-Lightning <input type="checkbox"/> Hurricane/Tropical Storm <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>Electrical Failure</b> <input type="checkbox"/> Power Failure <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Other (See Description)	<input type="checkbox"/> <b>WRF Operational Issue</b> <input type="checkbox"/> Pump <input type="checkbox"/> Switch <input type="checkbox"/> Filter <input type="checkbox"/> Disinfection System <input type="checkbox"/> Blower <input type="checkbox"/> Transport <input type="checkbox"/> Other (See Description)	
<b>DESCRIPTION OF WHAT CAUSED THE INCIDENT</b>  <p>The discharge of wastewater was caused when an OCU Contractor damaged a eight inch VCP (vitrified clay pipe) gravity main while working on the installation of a new twelve inch PVC force main and Pump Station Rehabilitation Project. The gravity main was isolated to end the discharge. The contractor has repaired the gravity main and returned it to normal operation.</p>			

CONTRACTOR OR 3 <sup>RD</sup> PARTY RESPONSIBLE	
<input type="checkbox"/> 3 <sup>rd</sup> Party, No OCU affiliation <input type="checkbox"/> Development Contractor <input checked="" type="checkbox"/> OCU Contractor	<input type="checkbox"/> Unknown <input type="checkbox"/> Other <input type="checkbox"/> Not Applicable

DISCHARGE POINT(S) (Refer to Attached Map)			
<input type="checkbox"/> Pump Station <input checked="" type="checkbox"/> Gravity Line <input type="checkbox"/> Manhole <input type="checkbox"/> ARV <input type="checkbox"/> Force Main	<input type="checkbox"/> Service <input type="checkbox"/> Reclaimed Water Main <input type="checkbox"/> Private Manhole	<input type="checkbox"/> Clarifier <input type="checkbox"/> Digester <input type="checkbox"/> Chlorine Contact Tank <input type="checkbox"/> Surge Tank <input type="checkbox"/> Aeration Tank	<input type="checkbox"/> Ground Storage Tank <input type="checkbox"/> Rapid Infiltration Basin <input type="checkbox"/> Tertiary Filter <input type="checkbox"/> Other
Asset ID Number(s) <u>30130002-30130001</u>			

<b>AFFECTED AREA(S)</b> (Where is the discharge flowing?)	
<input type="checkbox"/> Street / Paved Surface <input checked="" type="checkbox"/> Unpaved Land <input checked="" type="checkbox"/> Contained area <input type="checkbox"/> Wetland <input type="checkbox"/> Isolated <input type="checkbox"/> Discharges Downstream <input type="checkbox"/> Creek/River/Lake <i>(Include water body name in Description below)</i> <input type="checkbox"/> Other	<input type="checkbox"/> Storm Sewer/Drainage Ditch <input type="checkbox"/> To Storm Pond <input type="checkbox"/> Pond Overflowing <input type="checkbox"/> Pond Not Overflowing <input type="checkbox"/> To Wetland <input type="checkbox"/> Isolated <input type="checkbox"/> Discharges Downstream <input type="checkbox"/> To Creek/River/Lake <i>(Include water body name in Description below)</i>
<b>DESCRIPTION:</b>	
<p>The contractor contained wastewater inside trench by building a berm to keep wastewater from flowing out and affecting other areas. The crew then made a channel to divert the discharge back into the downstream gravity line and into the OCU wastewater collection system.</p>	

<b>REMEDIAL ACTIONS TAKEN</b>		
<input type="checkbox"/> Washed Down <input type="checkbox"/> Deodorized	<input checked="" type="checkbox"/> Containment Measures <input type="checkbox"/> Samples Taken or Planned	<input type="checkbox"/> Signs Posted Near Affected Waters <input type="checkbox"/> Other (See description)

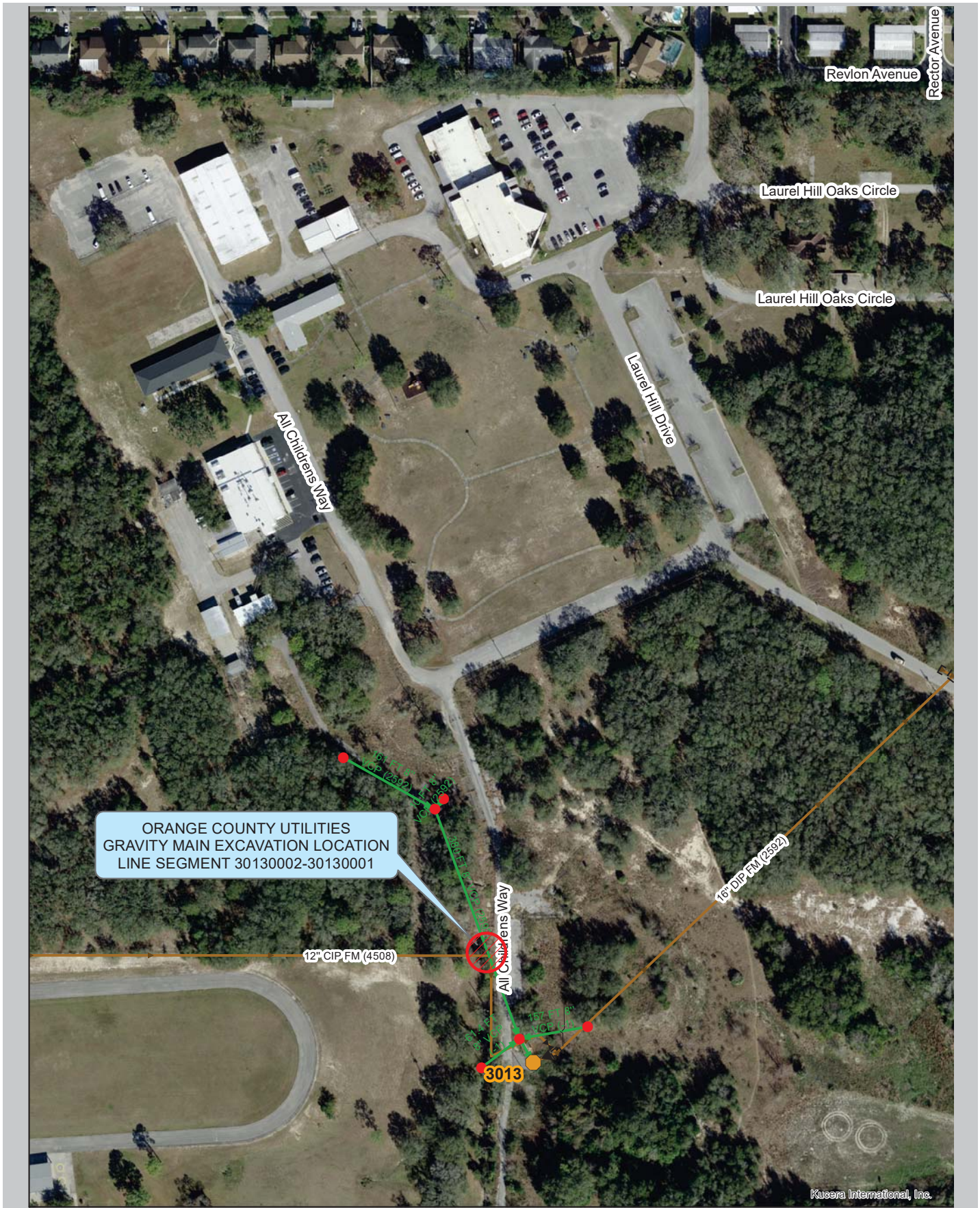
<b>CORRECTIVE ACTIONS TAKEN</b>	<b>FUTURE CORRECTIVE ACTIONS</b>	<b>Work Order(s) Created?</b>
<input checked="" type="checkbox"/> Repaired or Replaced Pipe Segment <input type="checkbox"/> Repaired or Replaced Asset <input type="checkbox"/> Cleared Blockage <input type="checkbox"/> Restored Power <input type="checkbox"/> Other (See Description)	<input checked="" type="checkbox"/> Backcharge Party Responsible for Damage <input type="checkbox"/> Repair or Replace Pipe Segment <input type="checkbox"/> Repair or Replace Asset <input type="checkbox"/> CCTV Inspection <input type="checkbox"/> Other (See Description) <input type="checkbox"/> None	<input type="checkbox"/> Yes (WO _____) <input type="checkbox"/> No <input checked="" type="checkbox"/> Pending

<b>ACTIONS TAKEN OR TO BE TAKEN TO PREVENT FUTURE DISCHARGES OF THIS NATURE</b>
<p><b>DESCRIPTION:</b></p> <p>Orange County Utilities assigns construction inspectors to all pump station rehabilitation projects to ensure that new stations are built to OCU standards. Additionally Field Services Division maintains a contract for utilities field locates for use with the Sunshine 811 system. All locates are photographed upon completion and used during investigations of these events and contractors. Contractors are also asked to present appropriate up to date locate tickets in all cases. This information is used to appropriately backcharge for all related damages.</p>

LOCATION SKETCH



North



ORANGE COUNTY UTILITIES  
GRAVITY MAIN EXCAVATION LOCATION  
LINE SEGMENT 30130002-30130001

3013

Kucera International, Inc.