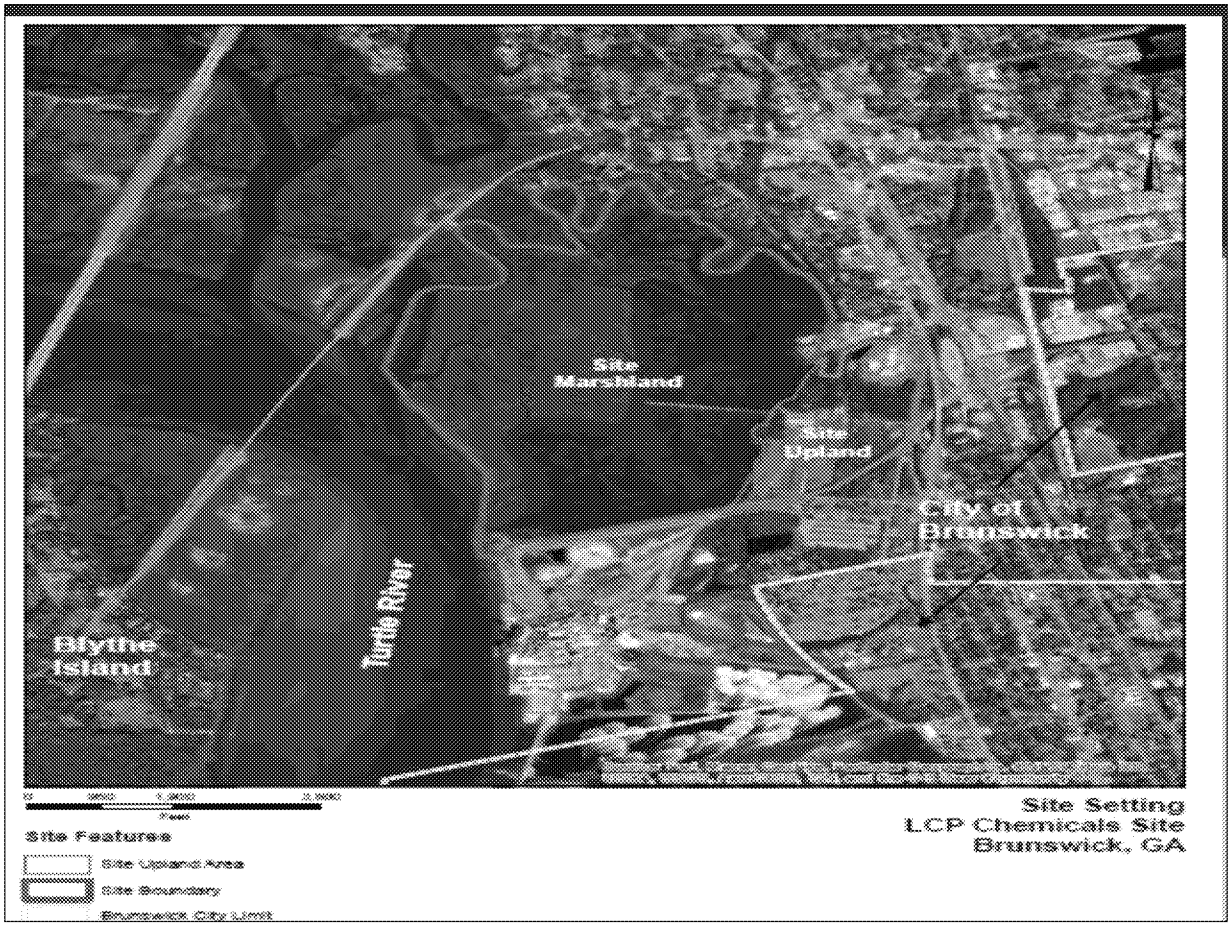
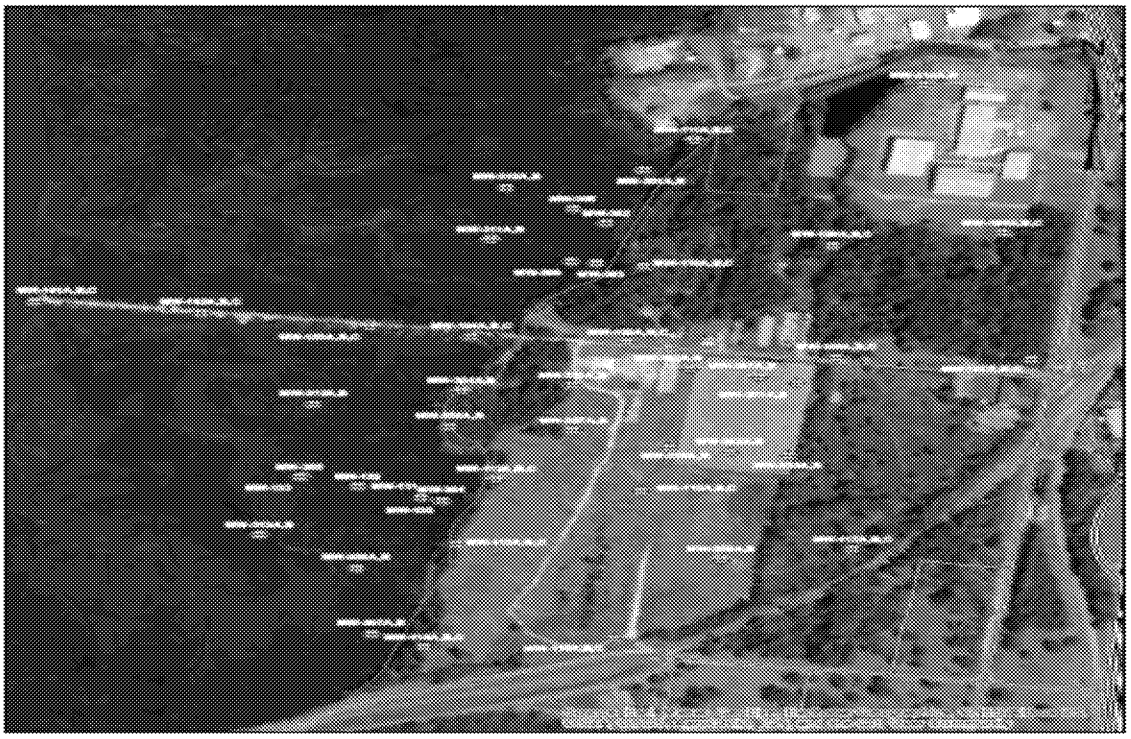
Operable Unit 2 – Groundwater and Former Cell Building Area

LCP CHEMICALS SITE
BRUNSWICK, GEORGIA
December 4, 2020

Rob Pope, RPM
U.S. Environmental Protection Agency
Region 4, Atlanta, GA


Site
Marshland
Site
Upland
City of
Brunswick
Turtle River
Blythe
Island
Site Features
Site Upland Area
Site Boundary
Brunswick City Limit
Site Setting
LCP Chemicals Site
Brunswick, GA



0 250 500 1,000
Feet

Site Features
Upland Boundary
Cell Building Area Soil Cover

Monitoring Well Status
Satilla Monitoring Wells

Satilla EU Monitoring
Well Network
LCP Chemicals Site
Brunswick, GA

OU 2 Removal Action

- **High pH groundwater** due to release of caustic to environment
  - Causes **metals** to go into solution
- Carbon dioxide injection to surficial aquifer to lower pH
- Four phases of injections across the site
- **Successful** in lowering pH and metals in groundwater

OU2
Remedial Investigation Report

- The PRPs are submitting draft sections of the RI Report in 2020/2021
- EPA and GEPD are reviewing the submittals and working with the PRPs to scope the RI Report
- Once the RI has been fully submitted and reviewed, the PRPs will submit sections of the Feasibility Study

OU2
Feasibility Study

- As with the RI, the PRPs will submit draft sections of the FS Report in 2021/2022.
- EPA and GEPD will review the submittals and work with the PRPs to scope the FS
- Once the FS has been fully submitted and reviewed, EPA will use the information in the RI and the FS to prepare a Proposed Plan
- In addition, EPA plans to meet with the community **multiple times** through the process for updates and to gather input and feedback on **cleanup alternatives and redevelopment options**

OU2
Proposed Plan

- EPA expects to issue a proposed plan in 2022/2023
- EPA plans for the **OU2 Proposed Plan** to address risks posed to human health and the environment from the **groundwater and the subsurface soil/aquifer matrix**

Next Steps

- EPA and GEPD will continue reviewing and finalizing PRP RI and FS submittals
- EPA will host periodic updates with the community regarding progress
- EPA expects to hold the next OU2 update in the **Spring of 2021**