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- G FPL
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Jan- and DEP

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Drinking Water Monitoring Plan – rev 2
East Broadway Avenue Release
Central Florida Pipeline Company
Tampa, FL

This Drinking Water Monitoring Plan describes activities that will be conducted to assess drinking water for three private potable wells located in Division 1. Additionally, surface water samples will be collected near the drainage ditch outfall to the Tampa By-Pass Canal (Division 5).

Drinking Monitoring

Water samples will be collected from three private potable wells located in Division 1 as listed below:

<u>Name</u>	<u>Address</u>
First Apostolic Church	10720 East Broadway Avenue
Mr. Barbara Lucas (residence)	10710 East Broadway Avenue
Mr. Tom Arron (residence)	10716 East Broadway Avenue

The total depth of these wells is not known at this time. At the three locations, in-place plumbing is present. In addition, sample ports are located prior to treatment at each location. Water will be evacuated for a minimum of 30 minutes prior to sample collection. Samples will be collected following Florida Department of Environmental Protection (FDEP) Standard Operating Procedures (SOP) for Field Activities (DEP-SOP-002/01).

The potable well samples will be placed in laboratory-supplied containers, placed in ice-filled coolers, and delivered to the project laboratory following Chain-of-Custody protocol. The potable samples will be submitted per Chapter 62-770 for the Kerosene Analytical Group - analysis by EPA Method 8260 for VOAs and VOHs, including MTBE, EPA Method 504 for EDB, EPA Method 6010 for Lead, EPA Method 8270 for PAHs, and laboratory method FL-PRO for TRPH.

Potable well samples will be collected from these wells on a weekly basis for one month. After the first month, samples will be collected on a monthly basis for a

three month period. Samples will then be collected on a quarterly basis for a one-year period. This monitoring frequency may be modified based on evaluation of the analytical results. Potable well analytical results will be summarized in a tabular format.

Surface Water Monitoring

Surface water samples will be collected at 4 locations in Division 5 (J-1, J-2, K-1 and K-2).

During the first quarter of activities, two background surface water samples will be collected upgradient of the release area, within the Mango Lake Outfall Canal.

The locations of these surface water samples are shown on the attached figure.

Surface water samples will be collected near shore using the dipping method. Surface water samples will be collected following FDEP SOP for Field Activities (DEP-SOP-002/01). Surface water sampling log forms will be completed.

The surface water samples will be placed in laboratory-supplied containers, placed in ice-filled coolers and delivered to the project laboratory following Chain-of-Custody protocol. The surface water samples will be submitted per Chapter 62-770 for the Kerosene Analytical Group - analysis by EPA Method 8260 for VOAs including MTBE, EPA Method 6010 for Lead, EPA Method 8270 for PAHs, and laboratory method FL-PRO for TRPH.

Surface water samples will be collected at these four locations on a daily basis for one week, weekly for the first month, and then monthly for a three month period. Continuation of surface water monitoring after the first quarter will be evaluated based on review of the analytical results. Surface water analytical results will be summarized in a tabular format and screened against Chapter 62-777, FAC Freshwater Surface Water Criteria. For compounds that are provided under Chapter 62-302, FAC, the Class III - Predominately Fresh Water will be utilized for screening.

Attachment: Figure

Surface Water
Sample Locations
Division 5
DRAFT



1 inch = 175 feet

