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Nine Mile Run Watershed

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Nine Mile Run

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Commercial St. Culvert

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Upstream End of Commercial St Culvert

Commercial St. Culvert

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View from Commercial street looking upstream during flooding, September 15th, 2021.

Commercial St. Culvert

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View from Commercial Street looking upstream during dry weather

Commercial St. Culvert Monitoring Planning

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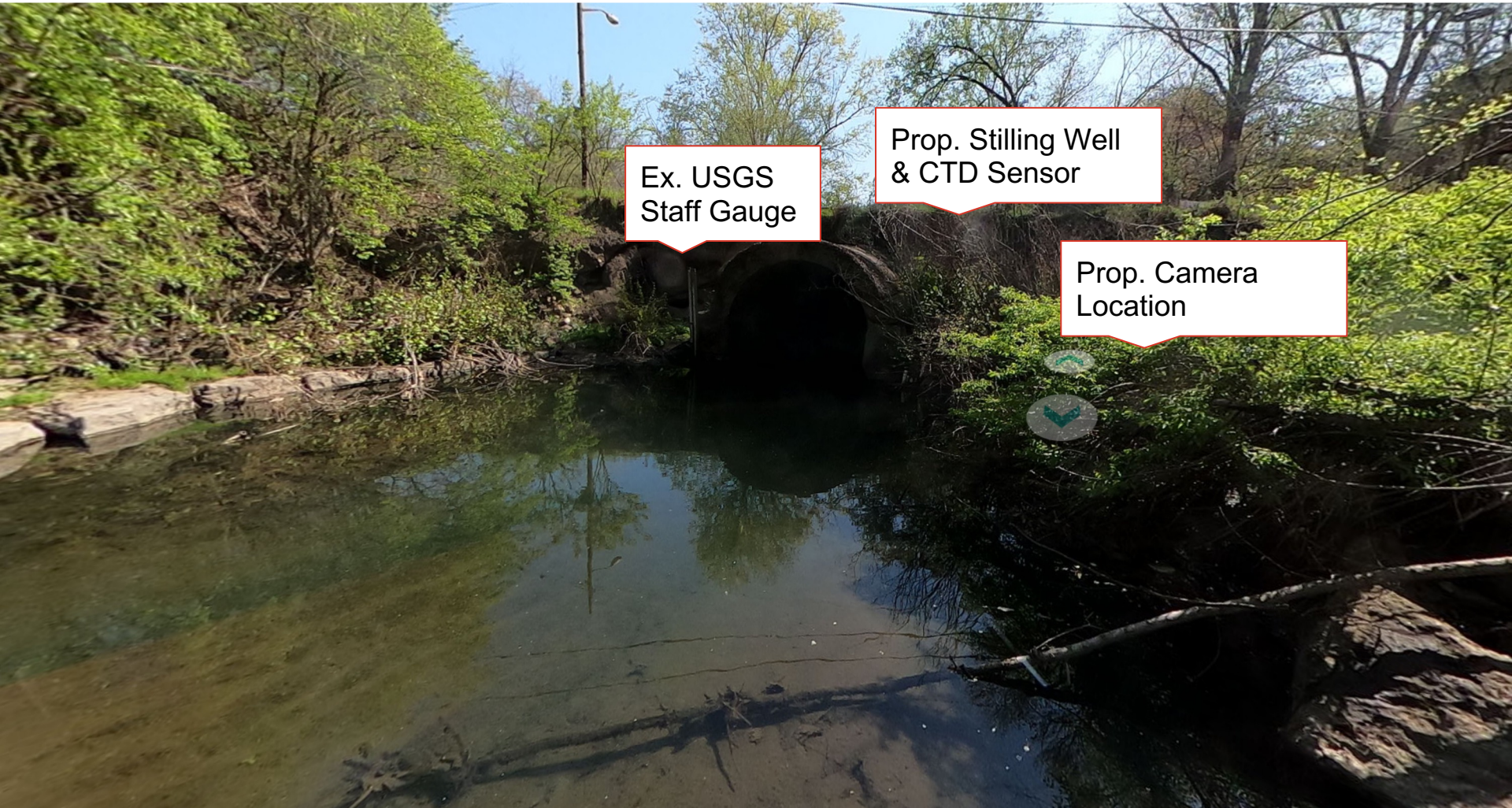
Downstream End of Commercial St Culvert



Data Logger & CTD Sensor Setup

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Data Logger Setup

Stilling Well & CTD Sensor Setup

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Stilling Well and Conductivity, Temperature, Depth (CTD) Sensor Setup

Data collection began 8/11/23

Parameters include - Water Level, Water Temperature & Electrical Conductivity (EC) logged at 5 min intervals

CTD Sensor Data - Electrical Conductivity

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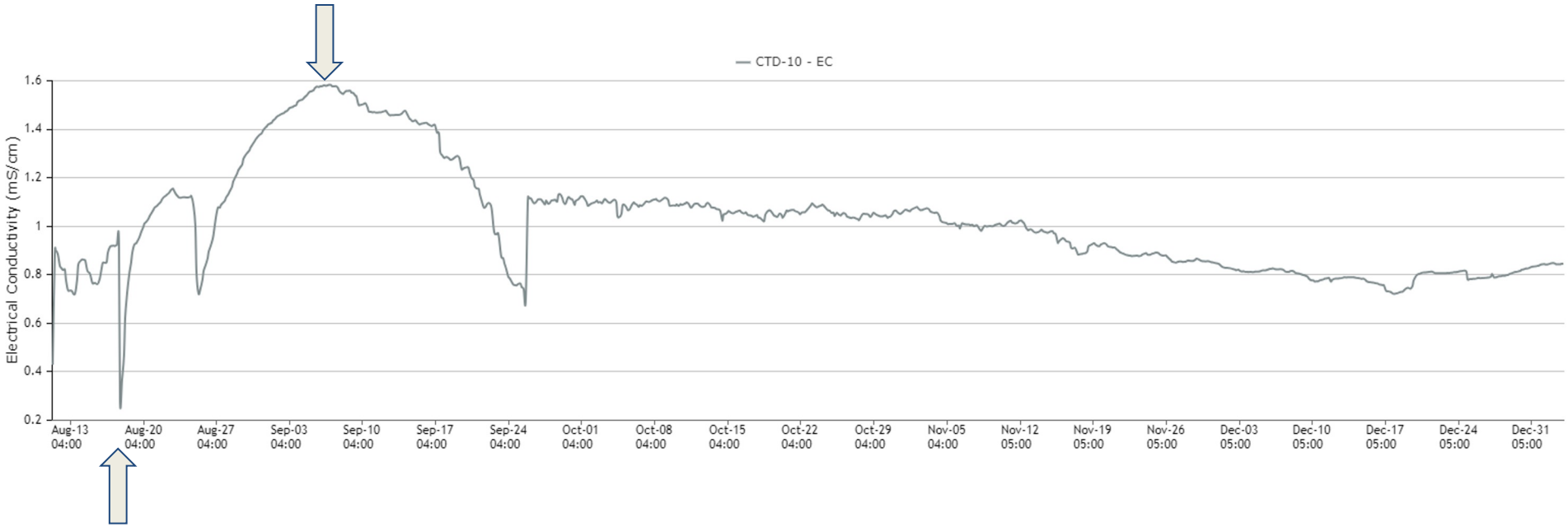
Electrical Conductivity data from 8/12/23 - 1/3/24

Max EC on 9/5/23 was 1.592 ms/cm



Min EC on 11/30/23 was 0.121 ms/cm

CTD Sensor Data - Temperature

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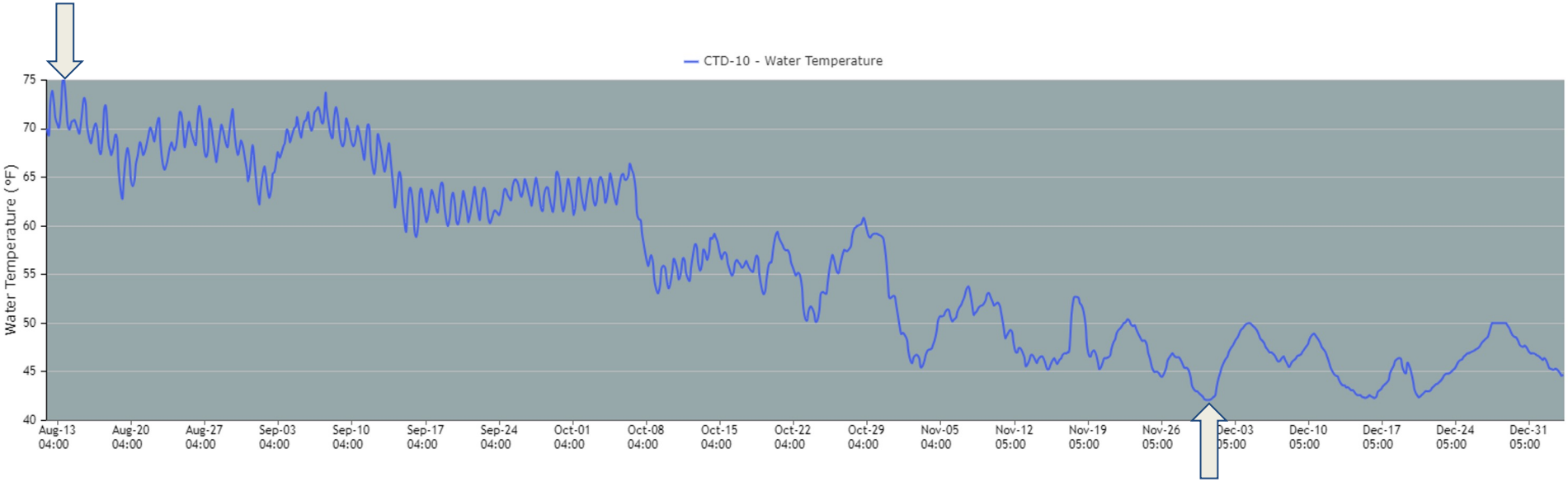
Water temperature data from 8/12/23 - 1/3/24

Max Water temperature on 8/13/23 was 75.5 °F



Min Water temperature on 11/30/23 was 42.1 °F

CTD Sensor Data - Water Level

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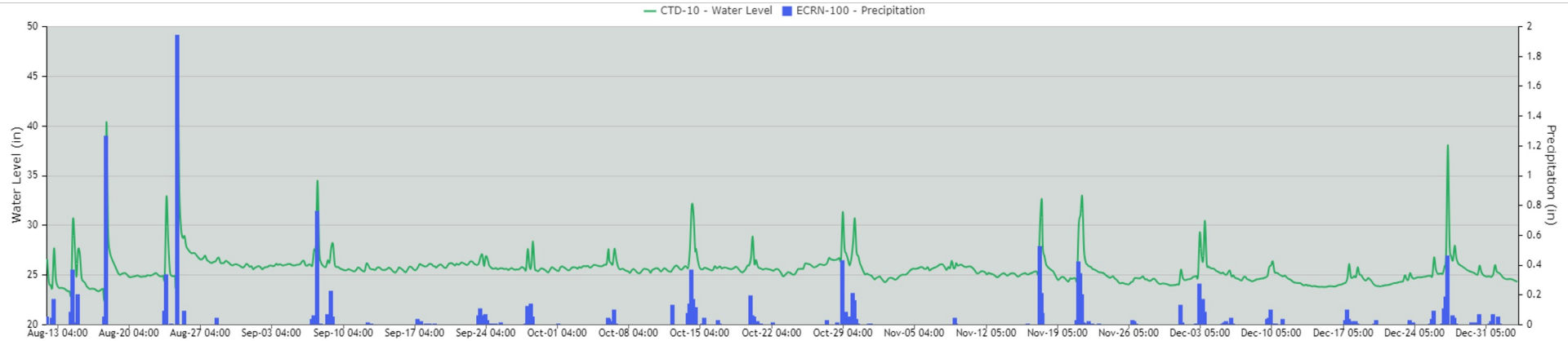
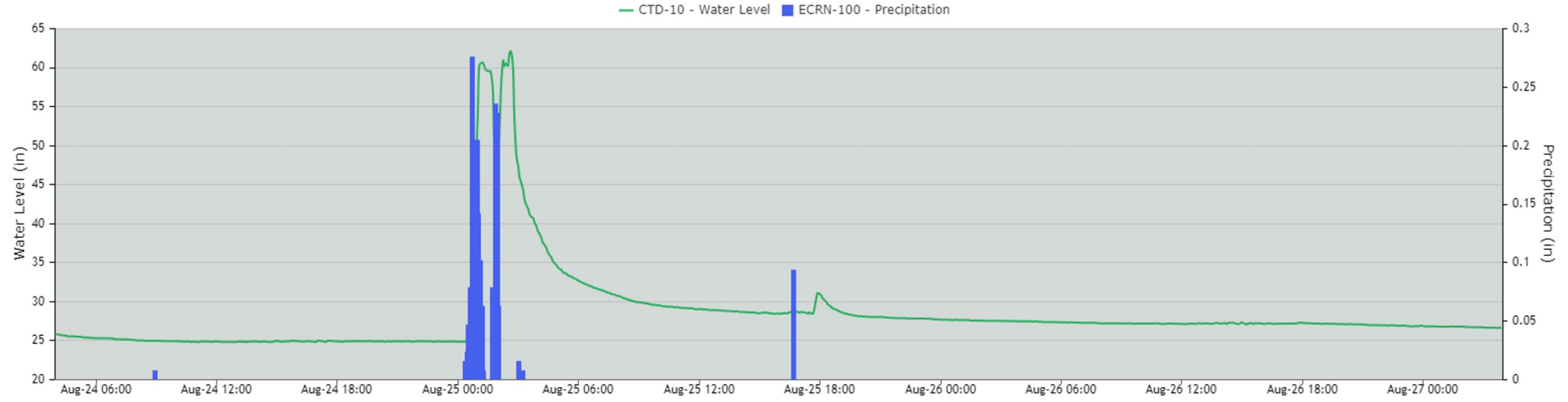
Water level data from 8/12/23 - 1/3/24
Baseflow averages 25.61” or 2.13’ over monitoring period



Max water level on 8/25/23 was 61.97”or 5.16’ during a 2.047” precipitation event



Cross-Section Survey

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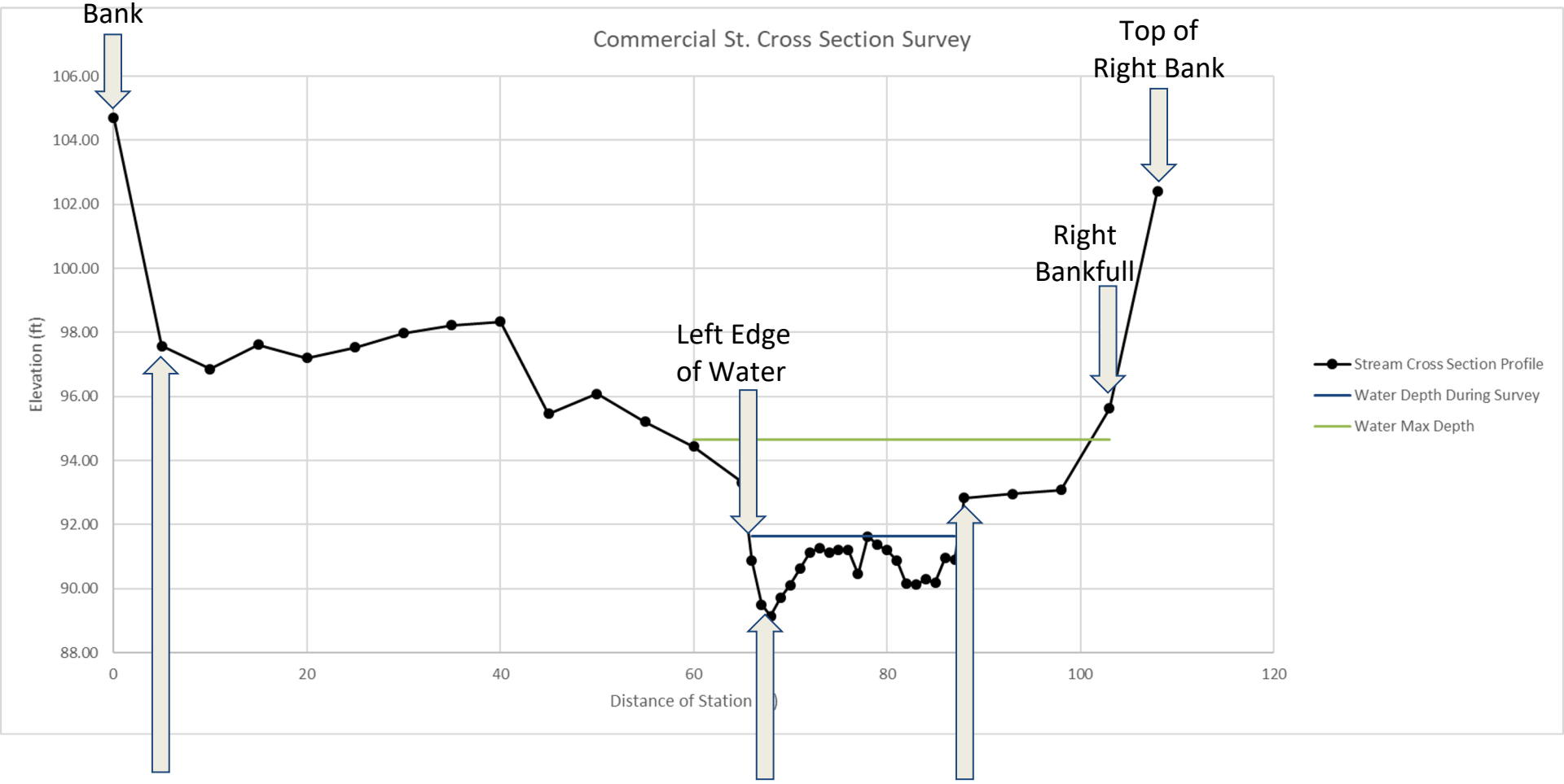
Completed on 10/12/23



LSPIV Monitoring with pyOpenRiverCam

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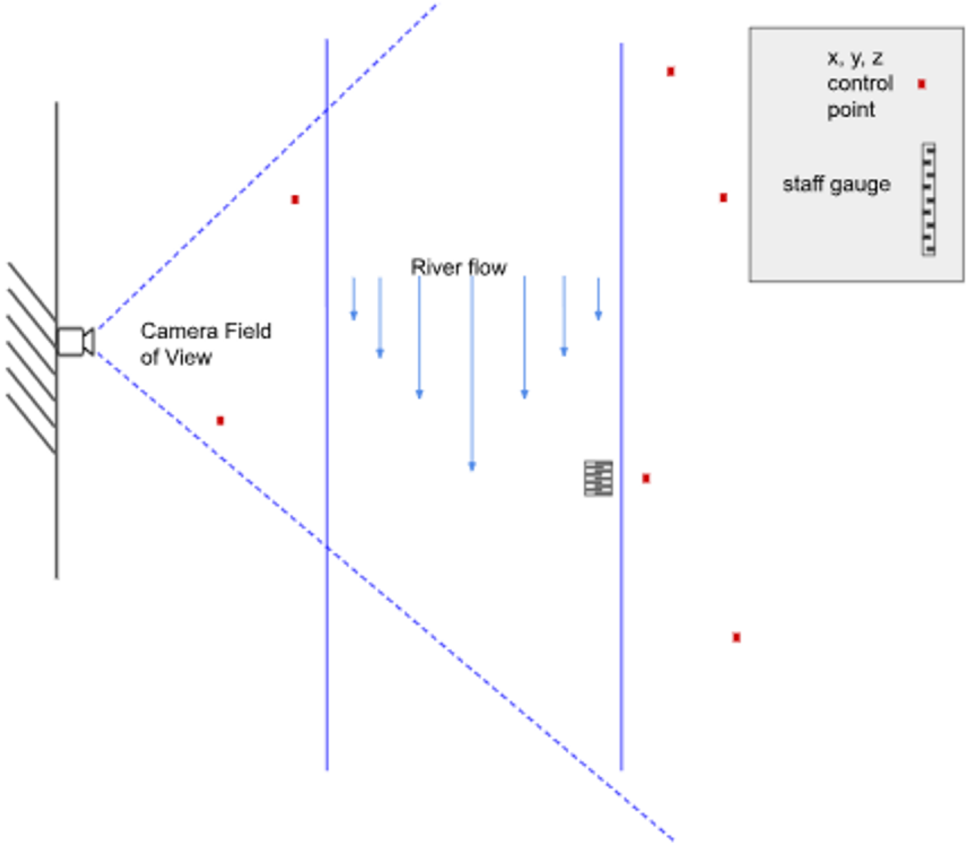

Planar schematic view of site survey situation.

LSPIV Monitoring with pyOpenRiverCam

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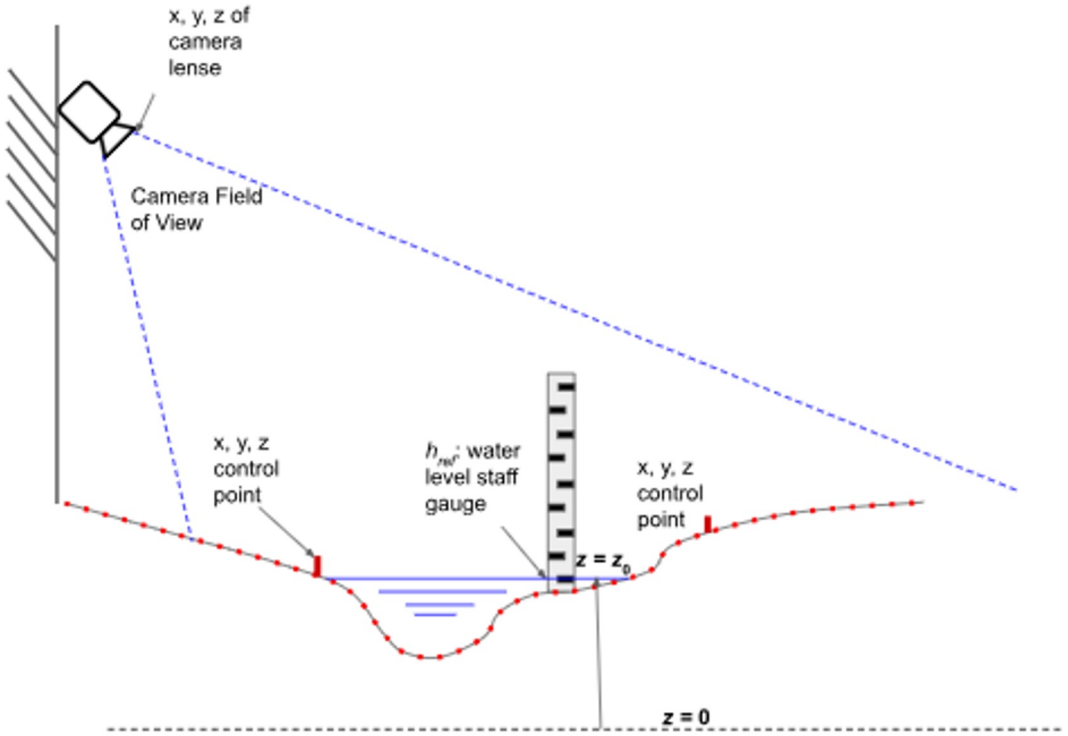

Cross-section schematic view of site survey situation. #

Camera Area of Interest

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