

Broad Scan for Unmonitored Pollutants

Agenda Item 20
ORSANCO technical Committee Meeting
February 12-13, 2014

Broad Scan Program

- 24 Pollutants with criteria are routinely monitored
- 97 Pollutants with criteria not routinely monitored
- Program could identify pollutants with criteria that should be routinely monitored

Broad Scan Sampling Plan

- 3 locations, 2 samples: high and low flow
 - Upper (mile 193), middle (633), lower (912)
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- Analytical cost per sample: \$1,033
 - Total volume 10.87 L
 - 19 containers, 8 types (plastic, amber glass, etc.), 4 different preservatives
 - 5 Pace Analytical locations involved

Broad Scan Methods

- Equal Discharge Increment (EDI) composite samples
- Clean hands technique (USEPA Method 1669)
- Fluoropolymer equipment



Broad Scan Results

- 121 ORSANCO Pollution Control Standards (WQC)
- 113 Analytical Results (9 WQC unassessed)
- 85 MDLs < WQC (50 Max PQL < WQC)
- 3 violations (Total Hg)

- No Detections at all:
 - Pesticides, VOCs, Semi VOAs, PAHs
- All detections from Ions and Metals, all of them routinely monitored

Next

- Refer results to Monitoring Strategy Committee
- No comments have been received, if there are comments please send to:
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