Appointment

**From**: Bosscher, Valerie [bosscher.valerie@epa.gov]
**Sent**: 6/20/2019 9:23:02 PM
**To**: Bosscher, Valerie [bosscher.valerie@epa.gov]; Deltoral, Miguel [deltoral.miguel@epa.gov]; R5WD-ConfCallLineA-Deliberative Process / Ex. 5 [r5wd-confcallLine-a@epa.gov]; Lytle, Darren [Lytle.Darren@epa.gov]; David Cook [DAVID.COOK@Illinois.gov]

**Subject**: Phone for University Park discussion - R5, ORD, and IEPA
**Location**: Call in Deliberative Process / Ex. 5 Code Deliberative Process / Ex. 5

**Start**: 6/21/2019 5:00:00 PM
**End**: 6/21/2019 6:00:00 PM
**Show Time As**: Busy

Call in Deliberative Process / Ex. 5 Code Deliberative Process / Ex. 5

In case this is helpful, see summary table based on "University Park – chemical query.xlsx" and "Kankakee – chemical query.xlsx" sent by David Cook at 11:39am on 6/20:

| | University Park | | | Kankakee System (parent for U | | | | |
|---|---|---|---|---|---|---|---|---|
| | Historical up to and including 2017 | | Single sample April 2019 (TP-01) | Maximum Reported | | | | |
| | Max Reported | Min Reported | | 2017 | 2018 | 2019 | | 2017 |
| | | | | | | TOCRAW | TP01 | |
| AGGRESSIVE INDEX | 12.71 | 10.7 | | Historical: 12.26 in 2011 | | | | His |
| ALKALINITY, TOTAL, mg/L | 423 | 246 | 38 | 238 | 380 | 215 | | 30 |
| ALUMINUM, ug/L | 60 | 0 | | Historical: 0 in 2013 | | | | |
| ARSENIC, ug/L | 10 | 0 | 0 | 0 | 24 | | | 0 |
| BARIUM, ug/L | 130 | 0 | 11 | 11 | 120 | | | 11 |
| BERYLLIUM, TOTAL, ug/l | 1 | 0 | 0 | 0 | 0 | | | 0 |
| BORON, TOTAL, ug/L | 806 | 70 | | Historical: 174 in 2013 | | | | H |
| CADMIUM, ug/L | 1 | 0 | 0 | 0 | 0 | | | 0 |
| CALCIUM, mg/L | 191 | 2 | 34 | 29 | 99 | | | 29 |
| CARBON, TOTAL, mg/L | NA | | | 5.8 | 8.8 | 6.8 | 3.6 | 1.8 |
| CHLORIDE, mg/L | 10.7 | 0 | 36 | 29 | 32 | | | 29 |
| CHROMIUM, ug/L | 0 | 0 | 0 | 5.1 | 0 | | | 5.1 |
| COBALT, TOTAL, ug/L | 14 | 0 | | Historical: 0 in 2013 | | | | |
| CONDUCTANCE | 1330 | 1250 | | Historical: 677 in 2013 | | | | H |
| CONDUCTIVITY @ 25 C UMHOS/CM | 1392 | 2 | | Historical: 677 in 2013 | | | | H |
| COPPER, FREE, ug/L | 1400 | 0 | | | 3300 | | | |
| HARDNESS (CALCULATED), mg/L | 720 | 410 | | | | | | |
| HARDNESS, CALCIUM MAGNESIUM, mg/L | 680 | 10 | | | | | | |
| HARDNESS, TOTAL (AS CACO3), mg/L | 747 | 411 | 140 | 100 | 440 | | | 100 |
| IRON, mg/L | 6.4 | 0.59 | 0 | 0.026 | 7.9 | | | 0.026 |
| LEAD, ug/L | 10.3 | 0 | | | 34 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MAGNESIUM, mg/L | 66 | 14 | 12 | 7.3 | 47 | | | 7.3 |
| MANGANESE, ug/L | 36 | 0 | 0 | 0 | 43 | | | 0 |
| MOLYBDENUM, TOTAL, ug/L | 33 | 0 | | 0 | 0 | | | 0 |
| NICKEL, ug/L | 13 | 0 | 0 | 0 | 5 | | | 0 |
| NITROGEN-AMMONIA AS (N), mg/L | 1.92 | 0.17 | | Historical: 0 in 2013 | | | | |
| OXIDATION (NEGATIVE) - EH | 129 | 47 | | Historical: 124 in 1985 | | | | H |
| OXIDATION-REDUCTION POTENTIAL (EH) | 549 | 3 | | Historical: 766 in 2013 | | | | H |
| PH | 7.4 | 6.8 | | | | | | |
| PH FIELD | 7.7 | 6.11 | | Historical: 7.91 in 2013 | | | | Hi |
| PHOSPHATE, TOTAL, mg/L | 0.02 | 0 | | | | | | |
| PHOSPHORUS, TOTAL, mg/L | 0.04 | 0 | | Historical: 0.045 in 2013 | | | | His |
| POTASSIUM, ug/L | 8010 | 1700 | | Historical: 3360 in 2013 | | | | Hi |
| SELENIUM, ug/L | 0 | 0 | 2.4 | 2.3 | 0 | | | 2.3 |
| SILICA, ug/L | 12500 | 9300 | | Historical: 11800 in 2013 | | | | His |
| SILVER, ug/L | 3 | 0 | | Historical: 0 in 2013 | | | | |
| SODIUM, mg/L | 105 | 8 | 12 | 8.5 | 12 | | | 8.5 |
| STRONTIUM, ug/L | 2260 | 280 | | Historical: 138 in 2013 | | | | Hi |
| SULFATE, mg/L | 542 | 13.8 | 66 | 56 | 77 | | | 56 |
| TDS, mg/L | 1280 | 836 | 200 | 210 | 460 | | | 210 |
| TEMPERATURE (CENTIGRADE) | 13.89 | 11.5 | | Historical: 9.31 in 2013 | | | | Hi |
| TURBIDITY | 20 | 0 | | 82 | 57.7 | | | 6.7 |
| ZINC, ug/L | 167 | 0 | 0 | 0 | 12 | | | 0 |