Environmental Protection Agency Region 5

Chicago Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

WORK ORDER

Printed: 10/26/2017 3:21:54PM

1710017

US EPA Region 5 Chicago Regional Laboratory

Client: Water Division, US EPA Region 5
Project: CSD
Project Manager: Angela Ockrassa Davis
Project Number: 01CB2018

Report To:

Cheryl Burdett
Water Division, US EPA Region 5

77 West Jackson Boulevard
Chicago, IL 60604

Phone: (312) 353-2004
Fax: (312) 886-2001

Date Due: Dec-12-17 15:00 (45 day TAT)
Received By: Robert Snyder
Logged In By: Robert Snyder
Date Received: Oct-26-17 08:09
Date Logged In: Oct-26-17 10:27

Samples Received at:
Sample tags/labels: Yes
Seals Intact: Yes
Received on ice: Yes
Paperwork Included: Yes

Cooler #1 Temp: 0.4 °C
Cooler #2 Temp: 1.9 °C

Work Order Comments:

Sample ID: 1710017-01 **Sampled:** Oct-23-17 13:31 **Matrix:** Water
Sample Name: S01 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-20-17 13:31	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-20-17 13:31	pH = 2
TKN DA	28	Nov-20-17 13:31	pH = 2
Total Phosphorus DA	28	Nov-20-17 13:31	pH = 2

Sample ID: 1710017-02 **Sampled:** Oct-23-17 13:31 **Matrix:** Water
Sample Name: D01 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-20-17 13:31	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-20-17 13:31	pH = 2
TKN DA	28	Nov-20-17 13:31	pH = 2
Total Phosphorus DA	28	Nov-20-17 13:31	pH = 2

Sample ID: 1710017-03 **Sampled:** Oct-23-17 13:31 **Matrix:** Water
Sample Name: B01 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-20-17 13:31	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-20-17 13:31	pH = 2

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Project: CSD
Project Manager: Angela Ockrassa Davis
Project Number: 01CB2018

Sample ID: 1710017-03 **Sampled:** Oct-23-17 13:31 **Matrix:** Water
Sample Name: B01 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
TKN DA	28	Nov-20-17 13:31	pH = 2
Total Phosphorus DA	28	Nov-20-17 13:31	pH = 2

Sample ID: 1710017-04 **Sampled:** Oct-24-17 08:50 **Matrix:** Water
Sample Name: S02 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 08:50	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 08:50	pH = 2
TKN DA	28	Nov-21-17 08:50	pH = 2
Total Phosphorus DA	28	Nov-21-17 08:50	pH = 2

Sample ID: 1710017-05 **Sampled:** Oct-24-17 08:50 **Matrix:** Water
Sample Name: B02 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 08:50	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 08:50	pH = 2
TKN DA	28	Nov-21-17 08:50	pH = 2
Total Phosphorus DA	28	Nov-21-17 08:50	pH = 2

Sample ID: 1710017-06 **Sampled:** Oct-24-17 08:50 **Matrix:** Water
Sample Name: D02 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 08:50	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 08:50	pH = 2
TKN DA	28	Nov-21-17 08:50	pH = 2
Total Phosphorus DA	28	Nov-21-17 08:50	pH = 2

Sample ID: 1710017-07 **Sampled:** Oct-24-17 09:53 **Matrix:** Water
Sample Name: S03 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 09:53	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 09:53	pH = 2
TKN DA	28	Nov-21-17 09:53	pH = 2
Total Phosphorus DA	28	Nov-21-17 09:53	pH = 2

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Sample ID: 1710017-08 **Sampled:** Oct-24-17 10:30 **Matrix:** Water
Sample Name: S04 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 10:30	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 10:30	pH = 2
TKN DA	28	Nov-21-17 10:30	pH = 2
Total Phosphorus DA	28	Nov-21-17 10:30	pH = 2

Sample ID: 1710017-09 **Sampled:** Oct-24-17 10:48 **Matrix:** Water
Sample Name: S05 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 10:48	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 10:48	pH = 2
TKN DA	28	Nov-21-17 10:48	pH = 2
Total Phosphorus DA	28	Nov-21-17 10:48	pH = 2

Sample ID: 1710017-10 **Sampled:** Oct-24-17 12:07 **Matrix:** Water
Sample Name: S07 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 12:07	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 12:07	pH = 2
TKN DA	28	Nov-21-17 12:07	pH = 2
Total Phosphorus DA	28	Nov-21-17 12:07	pH = 2

Sample ID: 1710017-11 **Sampled:** Oct-24-17 09:33 **Matrix:** Water
Sample Name: S08 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 09:33	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 09:33	pH = 2
TKN DA	28	Nov-21-17 09:33	pH = 2
Total Phosphorus DA	28	Nov-21-17 09:33	pH = 2

Sample ID: 1710017-12 **Sampled:** Oct-24-17 11:48 **Matrix:** Water
Sample Name: S12 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 11:48	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 11:48	pH = 2

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Project Number: 01CB2018

Sample ID: 1710017-12 **Sampled:** Oct-24-17 11:48 **Matrix:** Water

Sample Name: S12 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
TKN DA	28	Nov-21-17 11:48	pH = 2
Total Phosphorus DA	28	Nov-21-17 11:48	pH = 2

Sample ID: 1710017-13 **Sampled:** Oct-25-17 10:39 **Matrix:** Water

Sample Name: S18 **Sample Location/Comments:** Spud Creek

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 10:39	pH = 2
BOD	2	Oct-27-17 10:39	pH = 6
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 10:39	pH = 2
Solids, TDS	7	Nov-01-17 10:39	pH = 6
Solids, TSS	7	Nov-01-17 10:39	pH = 6
TKN DA	28	Nov-22-17 10:39	pH = 2
Total Phosphorus DA	28	Nov-22-17 10:39	pH = 2

Sample ID: 1710017-14 **Sampled:** Oct-25-17 10:58 **Matrix:** Water

Sample Name: S19 **Sample Location/Comments:** Cranberry Creek

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 10:58	pH = 2
BOD	2	Oct-27-17 10:58	pH = 6
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 10:58	pH = 2
Solids, TDS	7	Nov-01-17 10:58	pH = 6
Solids, TSS	7	Nov-01-17 10:58	pH = 6
TKN DA	28	Nov-22-17 10:58	pH = 2
Total Phosphorus DA	28	Nov-22-17 10:58	pH = 2

Sample ID: 1710017-15 **Sampled:** Oct-24-17 09:15 **Matrix:** Water

Sample Name: S06 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 09:15	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 09:15	pH = 2
TKN DA	28	Nov-21-17 09:15	pH = 2
Total Phosphorus DA	28	Nov-21-17 09:15	pH = 2

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Sample ID: 1710017-16 **Sampled:** Oct-24-17 10:09 **Matrix:** Water

Sample Name: S15 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 10:09	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 10:09	pH = 2
TKN DA	28	Nov-21-17 10:09	pH = 2
Total Phosphorus DA	28	Nov-21-17 10:09	pH = 2

Sample ID: 1710017-17 **Sampled:** Oct-24-17 12:53 **Matrix:** Water

Sample Name: S14 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 12:53	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 12:53	pH = 2
TKN DA	28	Nov-21-17 12:53	pH = 2
Total Phosphorus DA	28	Nov-21-17 12:53	pH = 2

Sample ID: 1710017-18 **Sampled:** Oct-24-17 12:30 **Matrix:** Water

Sample Name: S20 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-21-17 12:30	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-21-17 12:30	pH = 2
TKN DA	28	Nov-21-17 12:30	pH = 2
Total Phosphorus DA	28	Nov-21-17 12:30	pH = 2

Sample ID: 1710017-19 **Sampled:** Oct-25-17 08:38 **Matrix:** Water

Sample Name: S22 **Sample Location/Comments:**

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 08:38	pH = 2
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 08:38	pH = 2
TKN DA	28	Nov-22-17 08:38	pH = 2
Total Phosphorus DA	28	Nov-22-17 08:38	pH = 2

Sample ID: 1710017-20 **Sampled:** Oct-25-17 09:22 **Matrix:** Water

Sample Name: S16 **Sample Location/Comments:** S Petenwell Lake

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 09:22	pH = 2
BOD	2	Oct-27-17 09:22	pH = 7

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Sample ID: 1710017-20 **Sampled:** Oct-25-17 09:22 **Matrix:** Water

Sample Name: S16 **Sample Location/Comments:** S Petenwell Lake

Analysis	Hold time (days)	Expires	Comments
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 09:22	pH = 2
Solids, TDS	7	Nov-01-17 09:22	pH = 7
Solids, TSS	7	Nov-01-17 09:22	pH = 7
TKN DA	28	Nov-22-17 09:22	pH = 2
Total Phosphorus DA	28	Nov-22-17 09:22	pH = 2

Sample ID: 1710017-21 **Sampled:** Oct-25-17 10:02 **Matrix:** Water

Sample Name: S17 **Sample Location/Comments:** N Petenwell Lake

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 10:02	pH = 2
BOD	2	Oct-27-17 10:02	pH = 7
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 10:02	pH = 2
Solids, TDS	7	Nov-01-17 10:02	pH = 7
Solids, TSS	7	Nov-01-17 10:02	pH = 7
TKN DA	28	Nov-22-17 10:02	pH = 2
Total Phosphorus DA	28	Nov-22-17 10:02	pH = 2

Sample ID: 1710017-22 **Sampled:** Oct-25-17 09:46 **Matrix:** Water

Sample Name: B03 **Sample Location/Comments:** Ex. 6 Personal Privacy (PP)

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 09:46	pH = 2
BOD	2	Oct-27-17 09:46	pH = 5
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 09:46	pH = 2
Solids, TDS	7	Nov-01-17 09:46	pH = 5
Solids, TSS	7	Nov-01-17 09:46	pH = 5
TKN DA	28	Nov-22-17 09:46	pH = 2
Total Phosphorus DA	28	Nov-22-17 09:46	pH = 2

Sample ID: 1710017-23 **Sampled:** Oct-25-17 10:09 **Matrix:** Water

Sample Name: D03 **Sample Location/Comments:** N Petenwell Lake

Analysis	Hold time (days)	Expires	Comments
Ammonia N DA, Distilled	28	Nov-22-17 10:09	pH = 2
BOD	2	Oct-27-17 10:09	pH = 7
Nitrate-Nitrite N DA, Enzymatic reduction	28	Nov-22-17 10:09	pH = 2

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Project: CSD
Project Manager: Angela Ockrassa Davis
Project Number: 01CB2018

Sample ID: 1710017-23 **Sampled:** Oct-25-17 10:09 **Matrix:** Water

Sample Name: D03 **Sample Location/Comments:** N Petenwell Lake

Analysis	Hold time (days)	Expires	Comments
Solids, TDS	7	Nov-01-17 10:09	pH = 7
Solids, TSS	7	Nov-01-17 10:09	pH = 7
TKN DA	28	Nov-22-17 10:09	pH = 2
Total Phosphorus DA	28	Nov-22-17 10:09	pH = 2

Reviewed By

Date