



PDC Laboratories, Inc.

PROFESSIONAL • DEPENDABLE • COMMITTED

April 30, 2018

Steve Post
Rantoul, Village of
1625 E Grove
Rantoul, IL 61866

Dear Steve Post:

Please find enclosed the analytical results for the sample(s) the laboratory received on **4/18/18 2:35 pm** and logged in under work order **8043350**. All testing is performed according to our current TNI certifications unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Vice President, John LaPayne with any feedback you have about your experience with our laboratory.

Sincerely,

Kurt Stepping
Senior Project Manager
(309) 692-9688 x1719
kstepping@pdclab.com





ANALYTICAL RESULTS

Sample: 8043350-01
Name: FORMER AIR FORCE BASE HOSPITAL LOADING DOCK
Matrix: Waste Water - Grab

Sampled: 04/18/18 07:50
Received: 04/18/18 14:35

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|---------------------------------------|-----------|------------|-----------|----------------|----------------|-------------|-------------|
| <u>Anions - PIA</u> | | | | | | | |
| Chloride | 15 | mg/L | | 04/19/18 11:14 | 04/19/18 11:14 | ALS | EPA 300.0 |
| Fluoride | 0.334 | mg/L | | 04/18/18 17:00 | 04/18/18 17:00 | LAM | EPA 300.0 |
| Nitrate-N | < 0.03 | mg/L | | 04/18/18 17:00 | 04/18/18 17:00 | LAM | EPA 300.0 |
| Sulfate | 59 | mg/L | | 04/18/18 17:18 | 04/18/18 17:18 | LAM | EPA 300.0 |
| <u>General Chemistry - PIA</u> | | | | | | | |
| BOD | 4.0 | mg/L | | 04/19/18 15:37 | 04/19/18 15:37 | DMB/MG U | SM 5210B |
| COD | 28 | mg/L | | 04/19/18 12:56 | 04/20/18 09:39 | DMB | SM 5220D |
| Cyanide | < 0.0050 | mg/L | | 04/25/18 12:54 | 04/25/18 12:54 | ALS | EPA 335.4 |
| Oil & Grease - total | < 5.7 | mg/L | | 04/24/18 09:01 | 04/24/18 15:38 | TTG | EPA 1664 |
| pH | 8.24 | pH Units | H | 04/24/18 09:49 | 04/24/18 09:49 | SAH | SM 4500 H B |
| Phenolics | < 0.0050 | mg/L | | 04/20/18 11:28 | 04/20/18 11:28 | ALS | EPA 420.4 |
| Solids - total dissolved solids (TDS) | 320 | mg/L | | 04/20/18 10:09 | 04/20/18 10:37 | CJP | SM 2540C |
| Solids - total suspended solids (TSS) | 8.4 | mg/L | | 04/20/18 08:25 | 04/20/18 09:54 | CJP | SM 2540D |
| <u>Microbiology - PIA</u> | | | | | | | |
| Fecal coliform bacteria | 18 | CFU/100 ml | H | 04/18/18 15:50 | 04/18/18 15:50 | HAW | SM 9222D* |
| <u>Nutrients - PIA</u> | | | | | | | |
| Ammonia-N | < 0.10 | mg/L | | 04/20/18 12:56 | 04/20/18 12:56 | AMM | EPA 350.1 |
| <u>Total Metals - PIA</u> | | | | | | | |
| Arsenic | < 0.0010 | mg/L | | 04/19/18 11:51 | 04/20/18 10:58 | JMW | EPA 200.8 |
| Barium | 0.047 | mg/L | | 04/19/18 11:51 | 04/20/18 10:58 | JMW | EPA 200.8 |
| Cadmium | < 0.0010 | mg/L | | 04/19/18 11:51 | 04/20/18 13:37 | JMW | EPA 200.8 |
| Chromium | < 0.0040 | mg/L | | 04/19/18 11:51 | 04/20/18 13:37 | JMW | EPA 200.8 |
| Copper | < 0.0030 | mg/L | | 04/19/18 11:51 | 04/20/18 13:37 | JMW | EPA 200.8 |
| Iron | 0.22 | mg/L | | 04/19/18 11:51 | 04/23/18 17:51 | TJJ | EPA 200.7 |
| Lead | < 0.0010 | mg/L | | 04/19/18 11:51 | 04/20/18 10:58 | JMW | EPA 200.8 |
| Manganese | 0.036 | mg/L | | 04/19/18 11:51 | 04/20/18 13:03 | JMW | EPA 200.8 |
| Mercury | < 0.00020 | mg/L | | 04/25/18 11:08 | 04/25/18 14:10 | TAT | EPA 245.1 |
| Nickel | < 0.0050 | mg/L | | 04/19/18 11:51 | 04/20/18 13:37 | JMW | EPA 200.8 |
| Phosphorus | 0.063 | mg/L | | 04/19/18 11:51 | 04/20/18 13:37 | JMW | EPA 200.8* |
| Selenium | < 0.0010 | mg/L | | 04/19/18 11:51 | 04/20/18 10:58 | JMW | EPA 200.8 |
| Silver | < 0.0050 | mg/L | | 04/19/18 11:51 | 04/20/18 10:58 | JMW | EPA 200.8 |
| Zinc | 0.71 | mg/L | | 04/19/18 11:51 | 04/20/18 13:03 | JMW | EPA 200.8 |
| <u>Volatile Organics - PIA</u> | | | | | | | |
| 1,1,1-Trichloroethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,1,2,2-Tetrachloroethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,1,2-Trichloroethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,1-Dichloroethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |



ANALYTICAL RESULTS

Sample: 8043350-01
Name: FORMER AIR FORCE BASE HOSPITAL LOADING DOCK
Matrix: Waste Water - Grab

Sampled: 04/18/18 07:50
Received: 04/18/18 14:35

| Parameter | Result | Unit | Qualifier | Prepared | Analyzed | Analyst | Method |
|-----------------------------|--------|------|-----------|----------------|----------------|---------|----------|
| 1,1-Dichloroethene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,2-Dichlorobenzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,2-Dichloroethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,2-Dichloropropane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,3-Dichlorobenzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| 1,3-Dichloropropene - Total | < 15 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624* |
| 1,4-Dichlorobenzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Acrolein | < 50 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Acrylonitrile | < 50 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Benzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Bromodichloromethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Bromoform | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Bromomethane | < 10 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Carbon tetrachloride | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Chlorobenzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Chloroethane | < 10 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Chloroform | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Chloromethane | < 10 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Dibromochloromethane | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Ethylbenzene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Methylene chloride | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Tetrachloroethene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Toluene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| trans-1,2-Dichloroethene | < 20 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Trichloroethene | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |
| Vinyl chloride | < 5.0 | ug/L | | 04/23/18 08:10 | 04/23/18 12:36 | MAB | EPA 624 |



NOTES

Specific method revisions used for analysis are available upon request.

Certifications

CHI - McHenry, IL

TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100279
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL

TNI Accreditation for Drinking Water, Wastewater, Hazardous and Solid Wastes Fields of Testing through IL EPA Lab No. 100230
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 17553
Wastewater Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Hazardous/Solid Waste Certifications: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO

USEPA DMR-QA Program

STL - St. Louis, MO

TNI Accreditation for Wastewater, Hazardous and Solid Wastes Fields of Testing through KS Lab No. E-10389
Illinois Department of Public Health Bacteriological Analysis in Drinking Water Approved Laboratory Registry No. 171050
Drinking Water Certifications: Missouri (1050)
Missouri Department of Natural Resources

* Not a TNI accredited analyte

Qualifiers

H Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.

Gail G Schindler

Certified by: Gail Schindler For Kurt Stepping, Senior Project Manager



