

Brookside Laboratories, Inc.
Analytical Report

200 White Mountain Drive
New Bremen, OH 45869
Phone: (419) 977-2766
Fax: (419) 977-2767

Client Number: 69999
Client Name: Brookside Laboratories, Inc.
Consultant Name: Home Office
Date Collected: 03/21/2016
Date Received: 03/21/2016

Lab Number: UE0321085
Location: INDUSTRIAL
Description: GRAB
Sub Description: WASTEWATER

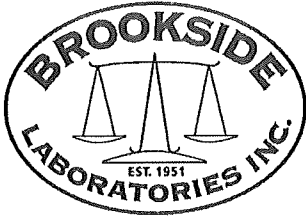
| <u>Code</u> | <u>Procedure Name</u> | <u>Prep Method</u> | <u>Analysis Method</u> | <u>Completed</u> | | <u>Analyst</u> | <u>Result</u> | <u>MDL</u> |
|-------------|-----------------------|--------------------|------------------------|------------------|-----|----------------|---------------|------------|
| IA240 | CYANIDE - TOTAL | | 335.4 | Mar-22 | JAE | | < 0.02 mg/l | 0.02 |
| IA590 | pH | | 150.1 | Mar-22 | PG | | 7.27 SU | 0.01 |

Approval:

Comments:

Kari L. Long

Kari Long
Environmental Services Coordinator



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Lab Number: UE0321086
Location: INDUSTRIAL
Description: COMP
Sub Description: WASTEWATER

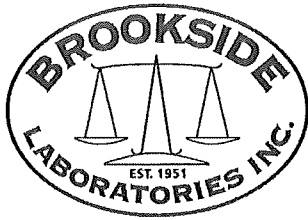
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|-------------|-----------------------|--------------------|------------------------|------------------|--------|----------------|---------------|------------|
| IB060 | CADMIUM | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | < 0.005 mg/l | 0.005 |
| IB090 | CHROMIUM-TOTAL (Cr) | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | 0.0381 mg/l | 0.01 |
| IB120 | COPPER | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | 0.2161 mg/l | 0.01 |
| IB140 | LEAD | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | < 0.05 mg/l | 0.05 |
| IB190 | NICKEL | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | 0.0254 mg/l | 0.01 |
| IB230 | SILVER | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | < 0.01 mg/l | 0.01 |
| IB300 | ZINC | 3005 | SM 3120B | Mar-22 | Mar-22 | JMO | 0.95 mg/l | 0.03 |

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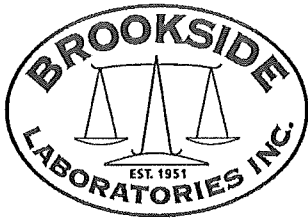
| <u>Code</u> | <u>Procedure Name</u> | <u>Prep</u> | <u>Analysis</u> | <u>Completed</u> | | <u>Analyst</u> | <u>Result</u> | <u>MDL</u> |
|-------------|---------------------------|---------------|-----------------|------------------|-------------|----------------|---------------|------------|
| | | <u>Method</u> | <u>Method</u> | <u>Prep</u> | <u>Anal</u> | | | |
| ID011 | BROMODICHLOROMETHANE | 624 | 624 | Mar-22 | SRE | SRE | 8.39 ug/l | 5 |
| ID021 | BROMOFORM | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID030 | BROMOMETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID040 | CARBON TETRACHLORIDE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID050 | CHLOROENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID060 | CHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID071 | CHLOROFORM | 624 | 624 | Mar-22 | SRE | SRE | 24 ug/l | 5 |
| ID080 | 2-CHLOROETHYL VINYL ETHER | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID090 | CHLOROMETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID100 | CIS-1,3-DICHLOROPROPENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID111 | DIBROMOCHLOROMETHANE | 624 | 624 | Mar-22 | SRE | SRE | 5.89 ug/l | 5 |
| ID120 | DICHLORODIFLUOROMETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID130 | 1,2-DICHLOROBENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID140 | 1,3-DICHLOROBENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID150 | 1,4-DICHLOROBENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID160 | 1,1-DICHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID170 | 1,2-DICHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID180 | 1,1-DICHLOROETHENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID190 | 1,2-DICHLOROPROPANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID200 | METHYLENE CHLORIDE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID210 | TETRACHLOROETHENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID220 | TRANS-1,2-DICHLOROETHENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID230 | TRANS-1,3-DICHLOROPROPENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID240 | 1,1,1-TRICHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID250 | 1,1,2,2-TETRACHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID260 | 1,1,2-TRICHLOROETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID270 | TRICHLOROETHENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID280 | TRICHLOROFUOROMETHANE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| ID290 | VINYL CHLORIDE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| IE010 | BENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |
| IE030 | ETHYL BENZENE | 624 | 624 | Mar-22 | SRE | SRE | < 5 ug/l | 5 |

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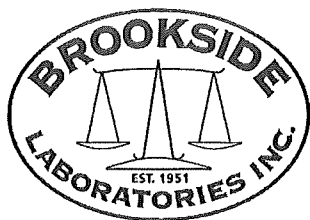
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|-------------|----------------------------|---------------|-----------------|------------------|-------------|----------------|---------------|------------|
| | | <u>Method</u> | <u>Method</u> | <u>Prep</u> | <u>Anal</u> | | | |
| IE040 | TOLUENE | 624 | 624 | | Mar-22 | SRE | 7.01 ug/l | 5 |
| IF010 | ACROLEIN | 624 | 624 | | Mar-22 | SRE | < 20 ug/l | 20 |
| IF020 | ACRYLONITRILE | 624 | 624 | | Mar-22 | SRE | < 20 ug/l | 20 |
| IG010 | 2-CHLOROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IG020 | 4-CHLORO-3-METHYLPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IG030 | 2,4-DICHLOROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IG040 | 2,4-DIMETHYLPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IG050 | 2,4-DINITROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IG060 | 4,6-DINITRO-2-METHYLPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 20 ug/l | 20 |
| IG070 | 4-NITROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 20 ug/l | 20 |
| IG080 | PENTACHLOROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 20 ug/l | 20 |
| IG090 | PHENOL (GC/MS) | 625 | 625 | Mar-22 | Mar-22 | NAF | 14.2 ug/l | 10 |
| IG100 | 2,4,6-TRICHLOROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IH010 | BIS(2-ETHYLHEXYL)PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | 66.5 ug/l | 10 |
| IH020 | BUTYL BENZYL PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IH030 | DI-N-BUTYL PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IH040 | DI-N-OCTYL PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IH050 | DIETHYL PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | 11.4 ug/l | 10 |
| IH060 | DIMETHYL PHTHALATE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| II010 | N-NITROSODIPROPYLAMINE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| II030 | N-NITROSODIPHENYLAMINE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IJ010 | 2,4-DINITROTOLUENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IJ020 | 2,6-DINITROTOLUENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IJ030 | ISOPHORONE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IJ040 | NITROBENZENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IK010 | ACENAPHTHENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK020 | ACENAPHTHYLENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK030 | ANTHRACENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK040 | BENZO (a) ANTHRACENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK050 | BENZO (a) PYRENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK060 | BENZO (b) FLUORANTHENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |

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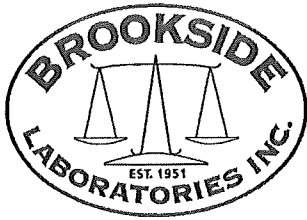
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|-------------|------------------------------|--------------------|------------------------|------------------|--------|----------------|---------------|------------|
| IK070 | BENZO (ghi) PERYLENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK080 | BENZO (k) FLUORANTHENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK090 | CHRYSENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK100 | DIBENZO (a,h) ANTHRACENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK110 | FLUORANTHENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK120 | FLUORENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK130 | INDENO (1,2,3-cd) PYRENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK140 | NAPHTHALENE (GCMS) | 625 | 625 | Mar-22 | Mar-22 | NAF | 16.8 ug/l | 10 |
| IK150 | PHENANTHRENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IK160 | PYRENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IL010 | BIS(2-CHLOROETHOXY) METHANE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IL020 | BIS(2-CHLOROETHYL) ETHER | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IL030 | BIS(2-CHLOROISOPROPYL) ETHER | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IL040 | 4-BROMOPHENYL PHENYL ETHER | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IL050 | 4-CHLOROPHENYL PHENYL ETHER | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM010 | 2-CHLORONAPHTHALENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM020 | HEXACHLOROBENZENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM030 | HEXACHLOROBUTADIENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM040 | HEXACHLOROCYCLOPENTADIENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM050 | HEXACHLOROETHANE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IM060 | 1,2,4-TRICHLOROBENZENE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 5 ug/l | 5 |
| IN010 | ALDRIN | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN020 | a-BHC | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN030 | b-BHC | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN040 | d-BHC | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN050 | LINDANE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN060 | CHLORDANE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN070 | 4,4'-DDD | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN080 | 4,4'-DDE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN090 | 4,4'-DDT | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |

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|-----------------------------------|--------------------------|--------------------|------------------------|------------------|-------------|----------------|---------------|------------|
| | | | | <u>Prep</u> | <u>Anal</u> | <u>Analyst</u> | | |
| IN100 | DIELDRIN | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN110 | ENDOSULFAN I (THIODAN) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN120 | ENDOSULFAN II | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN130 | ENDOSULFAN SULFATE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN140 | ENDRIN | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN150 | ENDRIN ALDEHYDE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN160 | HEPTACHLOR | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN170 | HEPTACHLOR EPOXIDE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.1 ug/l | 0.1 |
| IN180 | PCB-1016 (AROCHLOR 1016) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN190 | PCB-1221 (AROCHLOR 1221) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN200 | PCB-1232 (AROCHLOR 1232) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN210 | PCB-1242 (AROCHLOR 1242) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN220 | PCB-1248 (AROCHLOR 1248) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN230 | PCB-1254 (AROCHLOR 1254) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN240 | PCB-1260 (AROCHLOR 1260) | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.2 ug/l | 0.2 |
| IN250 | TOXAPHENE | 608 | 608 | Mar-22 | Mar-22 | NAF | < 0.5 ug/l | 0.5 |
| IP046 | BENZIDINE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 20 ug/l | 20 |
| IP185 | 3,3-DICHLOROBENZIDINE | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| IP640 | 2-NITROPHENOL | 625 | 625 | Mar-22 | Mar-22 | NAF | < 10 ug/l | 10 |
| TOTAL TOXIC ORGANICS (TTO) | | | | | | | < 748.70 ug/l | 748.700 |

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