# Ohio EPA - Daily Discharge Monitoring Report - Form 4500

| | | | |
|---|---|---|---|
| **SUBMISSION ID:** | 674267 | **STATUS:** | Revision |
| **FACILITY:** | Dovetail Energy LLC - Anaerobic Digestion Facility | **PERMIT NUMBER:** | ***1IN00305*AD*** |
| **LOCATION:** | 1146 Herr Rd<br>Fairborn, OH 45324 | **STATION CODE:** | 581 |
| | | **MONITORING PERIOD :** | **2016-06-01 To: 2016-06-30** |
| **COUNTY:** | Greene | **REPORTING LAB:** | MASI |
| **DISTRICT:** | SWDO | **ANALYST:** | Jeff Williamson |
| | | **NO DISCHARGE INDICATOR:** | |

| PARAMETER | Biochemical Oxygen Demand, 5 Day | pH | Oil and Grease, Hexane Extr Method | Ammonia (NH3) In Sludge | Nitrogen Kjeldahl, Total In Sludge | Phosphorus, Total In Sludge | Potassium In Sludge |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 00310 | 00400 | 00552 | 00611 | 00627 | 00668 | 00938 |
| UNITS | mg/l | S.U. | mg/l | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composite | Composite |
| 2016-06-01 | | | | | | | |
| 2016-06-02 | | | | | | | |
| 2016-06-03 | | | | | | | |
| 2016-06-04 | | | | | | | |
| 2016-06-05 | | | | | | | |
| 2016-06-06 | | | | | | | |
| 2016-06-07 | | | | | | | |
| 2016-06-08 | 7700 | 8.37 | 400 | 62100 | 103000 | 44600 | 14100 |
| 2016-06-09 | | | | | | | |
| 2016-06-10 | | | | | | | |
| 2016-06-11 | | | | | | | |
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| 2016-06-26 | | | | | | | |
| 2016-06-27 | | | | | | | |
| 2016-06-28 | | | | | | | |
| 2016-06-29 | | | | | | | |
| 2016-06-30 | | | | | | | |
| Minimum | 7700.0 | 8.37 | 400.0 | 62100.0 | 103000.0 | 44600.0 | 14100.0 |
| Maximum | 7700.0 | 8.37 | 400.0 | 62100.0 | 103000.0 | 44600.0 | 14100.0 |
| Average | 7700 | | 400 | 62100 | 103000 | 44600 | 14100 |
| Count | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| Name of Responsible Official or Authorized Representative | | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
|---|---|---|---|
| Taylor Faecher | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | | **Certification Version Date**<br>**2017-06-14 10:06** |

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| **COUNTY:** | Greene | **REPORTING LAB:** | MASI |
| **DISTRICT:** | SWDO | **ANALYST:** | Jeff Williamson |
| | | **NO DISCHARGE INDICATOR:** | |

| PARAMETER | Arsenic, Total In Sludge | Cadmium, Total In Sludge | Copper, Total In Sludge | Lead, Total In Sludge | Nickel, Total In Sludge | Zinc, Total In Sludge | Selenium, Total In Sludge |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 01003 | 01028 | 01043 | 01052 | 01068 | 01093 | 01148 |
| UNITS | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composite | Composite |
| 2016-06-01 | | | | | | | |
| 2016-06-02 | | | | | | | |
| 2016-06-03 | | | | | | | |
| 2016-06-04 | | | | | | | |
| 2016-06-05 | | | | | | | |
| 2016-06-06 | | | | | | | |
| 2016-06-07 | | | | | | | |
| 2016-06-08 | 11 | 2 | 444 | 7 | 19 | 647 | 6 |
| 2016-06-09 | | | | | | | |
| 2016-06-10 | | | | | | | |
| 2016-06-11 | | | | | | | |
| 2016-06-12 | | | | | | | |
| 2016-06-13 | | | | | | | |
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| 2016-06-22 | | | | | | | |
| 2016-06-23 | | | | | | | |
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| 2016-06-25 | | | | | | | |
| 2016-06-26 | | | | | | | |
| 2016-06-27 | | | | | | | |
| 2016-06-28 | | | | | | | |
| 2016-06-29 | | | | | | | |
| 2016-06-30 | | | | | | | |
| Minimum | 11.0 | 2.0 | 444.0 | 7.0 | 19.0 | 647.0 | 6.0 |
| Maximum | 11.0 | 2.0 | 444.0 | 7.0 | 19.0 | 647.0 | 6.0 |
| Average | 11 | 2 | 444 | 7 | 19 | 647 | 6 |
| Count | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
|---|---|---|---|
| Taylor Faecher | | | Certification Version Date<br>2017-06-14 10:06 |

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| | | **MONITORING PERIOD :** | **2016-06-01 To: 2016-06-30** |
| **COUNTY:** | Greene | **REPORTING LAB:** | MASI |
| **DISTRICT:** | SWDO | **ANALYST:** | Jeff Williamson |
| | | **NO DISCHARGE INDICATOR:** | |

| PARAMETER | Fecal Coliform in Sludge | Sludge Fee Weight | Sludge Weight | Sludge Solids, Percent Total | Mercury, Total In Sludge | Molybdenum In Sludge | |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 31641 | 51129 | 70316 | 70318 | 71921 | 78465 | |
| UNITS | MPN/G | dry tons | Dry Tons | % | mg/kg | mg/kg | |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | |
| SAMPLING TYPE | Composite | Total | Total | Composite | Composite | Composite | |
| 2016-06-01 | | | | | | | |
| 2016-06-02 | | | | | | | |
| 2016-06-03 | | | | | | | |
| 2016-06-04 | | | | | | | |
| 2016-06-05 | | | | | | | |
| 2016-06-06 | | | | | | | |
| 2016-06-07 | | | | | | | |
| 2016-06-08 | 404747 | 0 | 0 | 6.6 | .03 | 10 | |
| 2016-06-09 | | | | | | | |
| 2016-06-10 | | | | | | | |
| 2016-06-11 | | | | | | | |
| 2016-06-12 | | | | | | | |
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| 2016-06-23 | | | | | | | |
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| 2016-06-25 | | | | | | | |
| 2016-06-26 | | | | | | | |
| 2016-06-27 | | | | | | | |
| 2016-06-28 | | | | | | | |
| 2016-06-29 | | | | | | | |
| 2016-06-30 | | | | | | | |
| Minimum | 404747.0 | 0.0 | 0.0 | 6.6 | 0.03 | 10.0 | |
| Maximum | 404747.0 | 0.0 | 0.0 | 6.6 | 0.03 | 10.0 | |
| Average | 404747 | 0 | 0 | 6.6 | 0.03 | 10 | |
| Count | 1 | 1 | 1 | 1 | 1 | 1 | |

| Name of Responsible Official or Authorized Representative | | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
|---|---|---|---|
| Taylor Faecher | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | | **Certification Version Date**<br>**2017-06-14 10:06** |

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| | | **MONITORING PERIOD :** | **2016-06-01 To: 2016-06-30** |
| **COUNTY:** | Greene | **REPORTING LAB:** | |
| **DISTRICT:** | SWDO | **ANALYST:** | |
| | | **NO DISCHARGE INDICATOR:** | **AL** |

| PARAMETER | Biochemical Oxygen Demand, 5 Day | pH | Oil and Grease, Hexane Extr Method | Ammonia (NH3) In Sludge | Nitrogen Kjeldahl, Total In Sludge | Phosphorus, Total In Sludge | Potassium In Sludge |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 00310 | 00400 | 00552 | 00611 | 00627 | 00668 | 00938 |
| UNITS | mg/l | S.U. | mg/l | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composite | Composite |
| 2016-06-01 | | | | | | | |
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| 2016-06-28 | | | | | | | |
| 2016-06-29 | | | | | | | |
| 2016-06-30 | | | | | | | |
| Minimum | | | | | | | |
| Maximum | | | | | | | |
| Average | | | | | | | |
| Count | | | | | | | |

| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
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| **COUNTY:** | Greene | **REPORTING LAB:** | |
| **DISTRICT:** | SWDO | **ANALYST:** | |
| | | **NO DISCHARGE INDICATOR:** | **AL** |

| PARAMETER | Arsenic, Total In Sludge | Cadmium, Total In Sludge | Copper, Total In Sludge | Lead, Total In Sludge | Nickel, Total In Sludge | Zinc, Total In Sludge | Selenium, Total In Sludge |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 01003 | 01028 | 01043 | 01052 | 01068 | 01093 | 01148 |
| UNITS | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month |
| SAMPLING TYPE | Composite | Composite | Composite | Composite | Composite | Composite | Composite |
| 2016-06-01 | | | | | | | |
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| 2016-06-03 | | | | | | | |
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| 2016-06-30 | | | | | | | |
| Minimum | | | | | | | |
| Maximum | | | | | | | |
| Average | | | | | | | |
| Count | | | | | | | |

| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
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| **DISTRICT:** | SWDO | **ANALYST:** | |
| | | **NO DISCHARGE INDICATOR:** | **AL** |

| PARAMETER | Fecal Coliform in Sludge | Sludge Fee Weight | Sludge Weight | Mercury, Total In Sludge | Molybdenum In Sludge | | |
|---|---|---|---|---|---|---|---|
| PARAMETER CODE | 31641 | 51129 | 70316 | 71921 | 78465 | | |
| UNITS | MPN/G | dry tons | Dry Tons | mg/kg | mg/kg | | |
| FREQUENCY | 1/Month | 1/Month | 1/Month | 1/Month | 1/Month | | |
| SAMPLING TYPE | Multiple Grab | Total | Total | Composite | Composite | | |
| 2016-06-01 | | | | | | | |
| 2016-06-02 | | | | | | | |
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| 2016-06-28 | | | | | | | |
| 2016-06-29 | | | | | | | |
| 2016-06-30 | | | | | | | |
| Minimum | | | | | | | |
| Maximum | | | | | | | |
| Average | | | | | | | |
| Count | | | | | | | |

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|---|---|---|---|
| Taylor Faecher | | | **Certification Version Date**<br>**2017-06-14 10:06** |

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**FACILITY:** Dovetail Energy LLC - Anaerobic Digestion Facility

**LOCATION:** 1146 Herr Rd

Fairborn, OH 45324

**PERMIT NUMBER:** ***1IN00305*AD***

**MONITORING PERIOD :** **2016-06-01** **To:** **2016-06-30**

## PARAMETER COMMENTS:

| Station Code | Parameter Name | Parameter Code | Date | Unit | Comment |
|---|---|---|---|---|---|
| 581 | Sludge Weight | 70316 | 2016-06-08 | Dry Tons | Did not land apply this month, tested just in case. |