**Surface Application Annual Report Form 15**

**Rev. 01/17**

**For calendar year ending 31-Dec-2018**

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**I. Name of entity that owns or has a legal right or obligation to maintain road:**

<table>
<thead>
<tr>
<th>Name: Springfield Township</th>
<th>County: Muskingum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address: 2645 Fawn Lane</td>
<td>Township/Municipality: Springfield Township</td>
</tr>
<tr>
<td>City / State / Zip: Zanesville / OH / 43701</td>
<td>Other:</td>
</tr>
<tr>
<td>Phone: (740) 454-2205</td>
<td></td>
</tr>
</tbody>
</table>

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**II. Application Points**

*EXAMPLE: Clark County – Wayne Township – Township Road 144 between Township Road 166 and David Road*

<table>
<thead>
<tr>
<th></th>
<th>Quantities (BBL)</th>
<th>Dates of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>108</td>
<td>1-4-18</td>
</tr>
<tr>
<td>2</td>
<td>67</td>
<td>1-17-18</td>
</tr>
<tr>
<td>3</td>
<td>83</td>
<td>2-12-18</td>
</tr>
<tr>
<td>4</td>
<td>100</td>
<td>3-8-18</td>
</tr>
<tr>
<td>5</td>
<td>100</td>
<td>3-14-18</td>
</tr>
<tr>
<td>6</td>
<td>100</td>
<td>3-21-18</td>
</tr>
<tr>
<td>7</td>
<td>67</td>
<td>4-2-48</td>
</tr>
<tr>
<td>8</td>
<td>100</td>
<td>11-28-18</td>
</tr>
<tr>
<td>9</td>
<td>102</td>
<td>11-29-18</td>
</tr>
</tbody>
</table>

---

**III. Brine Haulers**

<table>
<thead>
<tr>
<th>Name</th>
<th>Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) George Wilson</td>
<td>Township employee</td>
</tr>
<tr>
<td>2) Brad Miller</td>
<td>Township employee</td>
</tr>
<tr>
<td>3)</td>
<td></td>
</tr>
<tr>
<td>4)</td>
<td></td>
</tr>
<tr>
<td>5)</td>
<td></td>
</tr>
</tbody>
</table>

---

**IV. Sources**

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Well Owner Name</th>
<th>County</th>
<th>Township</th>
<th>Quantities (BBL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3035</td>
<td>Greiner R #1</td>
<td>Muskingum</td>
<td>Springfield</td>
<td>70</td>
</tr>
<tr>
<td>7547</td>
<td>King Unit #3</td>
<td>Muskingum</td>
<td>Blue Rock</td>
<td>30</td>
</tr>
</tbody>
</table>

**Total: 825**
<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Well Owner Name</th>
<th>County</th>
<th>Township</th>
<th>Quantities (BBL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6917</td>
<td>Reicker</td>
<td>Muskingum</td>
<td>Brush Creek</td>
<td>40</td>
</tr>
<tr>
<td>280</td>
<td>Dietz #1</td>
<td>Muskingum</td>
<td>Salt Creek</td>
<td>60</td>
</tr>
<tr>
<td>4319</td>
<td>Greiner R #1</td>
<td>Muskingum</td>
<td>Springfield</td>
<td>70</td>
</tr>
<tr>
<td>8790</td>
<td>King Unit #3</td>
<td>Muskingum</td>
<td>Blue Rock</td>
<td>25</td>
</tr>
<tr>
<td>6427</td>
<td>Starret #1</td>
<td>Muskingum</td>
<td>Meigs</td>
<td>25</td>
</tr>
<tr>
<td>4386</td>
<td>Killpatrick</td>
<td>Muskingum</td>
<td>Blue Rock</td>
<td>20</td>
</tr>
<tr>
<td>6417</td>
<td>Mattos #1</td>
<td>Muskingum</td>
<td>Harrison</td>
<td>45</td>
</tr>
<tr>
<td>6306</td>
<td>Norman-Thomas #1</td>
<td>Muskingum</td>
<td>Harrison</td>
<td>60</td>
</tr>
<tr>
<td>4319</td>
<td>Greiner #1</td>
<td>Muskingum</td>
<td>Springfield</td>
<td>80</td>
</tr>
</tbody>
</table>

**INSTRUCTIONS**

**Item I** Required. The name must be supplied by the person(s), company or government unit that is responsible for the maintenance of the road(s) to which brine has been applied.

**Item II** Include county, township, and actual point of application of brine. A barrel (BBL) equals 42 U.S. gallons.

**Item III** Hauler's Name and Registration Number must be listed if a hauler delivered or applied brine. If the county, township, or municipality used its own vehicles to apply brine, a Registration Number is not needed.

**Item IV** Supply requested information for each point from which brine was collected and eventually used for surface application.

Additional copies of this form may be attached if necessary.

---

Connie Fink

PRINT NAME

Connie Fink

SIGNATURE OF OWNER/AUTHORIZED AGENT

Fiscal Officer

PRINT TITLE

3-28-19

DATE SIGNED
**BRINE HAULER ANNUAL REPORT**

CAMERON PRODUCTION
3636 ADAMSVILLE ROAD
ZANESVILLE OH 43701
740-453-3300

FOR YEAR ENDING DECEMBER 31, 2018
REGISTRATION NUMBER: 26

<table>
<thead>
<tr>
<th>HAULED FROM:</th>
<th>PERMIT#</th>
<th>TWNSP</th>
<th>COUNTY</th>
<th>PRODUCED</th>
<th>HAULED</th>
<th>DISPOSED</th>
<th>DATE</th>
<th>HAULED BY</th>
<th>DISPOSED AT</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREINER R #1</td>
<td>3035</td>
<td>SPRINGFIELD</td>
<td>MUSKINGUM</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>3/6/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>KING UNIT #3</td>
<td>7547</td>
<td>BLUE ROCK</td>
<td>MUSKINGUM</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>3/13/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>REICKER</td>
<td>6917</td>
<td>BRUSH CREEK</td>
<td>MUSKINGUM</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>3/13/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
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<tr>
<td>DIETZ #1</td>
<td>280</td>
<td>SALT CREEK</td>
<td>MUSKINGUM</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>11/9/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>GREINER R #1</td>
<td>4319</td>
<td>SPRINGFIELD</td>
<td>MUSKINGUM</td>
<td>70</td>
<td>70</td>
<td>70</td>
<td>11/9/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>KING UNIT #3</td>
<td>8790</td>
<td>BLUE ROCK</td>
<td>MUSKINGUM</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>11/9/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>STARRET #1 MD</td>
<td>6427</td>
<td>MEIGS</td>
<td>MUSKINGUM</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>11/9/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>KILLPATRICK</td>
<td>4386</td>
<td>BLUE ROCK</td>
<td>MUSKINGUM</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>12/5/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>MATTOS #1</td>
<td>6417</td>
<td>HARRISON</td>
<td>MUSKINGUM</td>
<td>45</td>
<td>45</td>
<td>45</td>
<td>12/5/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>NORMAN-THOMAS #1</td>
<td>6306</td>
<td>HARRISON</td>
<td>MUSKINGUM</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>12/5/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
<tr>
<td>GREINER R #1</td>
<td>4319</td>
<td>SPRINGFIELD</td>
<td>MUSKINGUM</td>
<td>80</td>
<td>80</td>
<td>80</td>
<td>12/20/2018</td>
<td>CAMERON PRODUC SPRINGFIELD TWP</td>
<td></td>
</tr>
</tbody>
</table>

525  525  525
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

Date: 1-4-18
AM _ PM _

Load 1 – Approximately 3.2 miles
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile
Michael Drive
Luby Lane
Maple Drive
Beech Drive

3/4 loads

4550 gallons = 108 barrels

Updated November 2017
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

[Load]

Load 1 – Approximately 3.2 miles
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

[Load]

Load 2 – Approximately 4.8 miles
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

[Load]

Load 3 – Approximately 4.1 miles
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

[Load]

As needed – Approximately 1 mile
Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

2200 gallons = 67 barrels

Date: 1-17-18
AM ___ PM ___

2 loads used

Only run down Middle Road
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

Load 1 – Approximately 3.2 miles
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile
Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

3500 gallons = 83 barrels
Load 1 – Approximately 3.2 miles

Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles

Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles

Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile

Michael Drive
Luby Lane
Maple Drive
Beech Drive

3 Loads

Updated November 2017

4200 gallons = 100 barrels
Load 1 – Approximately 3.2 miles

Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles

Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles

Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile

Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

4200 gallons = 100 barrels
Brine Salt Water Application Record Form  
(Aproximately 1400 gallons per load)  

Date: 3-21-19  
AM  PM  

Load 1 – Approximately 3.2 miles  
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)  
Westwood Drive Addition (Westwood Drives, Walnut)  
National Way  
Clay Street  
Benjamin Avenue area  

Load 2 – Approximately 4.8 miles  
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,  
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)  
Grantcliff Road  
Old River Road  
Boat Dock Road  
Shaw Road  
Greenhouse Road  

Load 3 – Approximately 4.1 miles  
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.  
Willow, Sherwood)  
Boxtown Area (Marion, Arcadia, Benton, Bradford)  
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,  
Merriam)  
Raindrop  

As needed – Approximately 1 mile  
Michael Drive  
Luby Lane  
Maple Drive  
Beech Drive  

3 loads  

4200 gallons = 100 barrels  

Updated November 2017
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

Date: 4-2-16
AM 8 PM

Load 1 – Approximately 3.2 miles
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile
Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

2800 gallons = 67 barrels
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

Load 1 – Approximately 3.2 miles

Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles

Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles

Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile

Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

3 loads

4200 gallons = 100 barrels
Brine Salt Water Application Record Form
(Approximately 1400 gallons per load)

Load 1 – Approximately 3.2 miles
Owens Hill Addition (Auburn, Bank, Chewelah, Dearborn, Linden, Montana, Owens)
Westwood Drive Addition (Westwood Drives, Walnut)
National Way
Clay Street
Benjamin Avenue area

Load 2 – Approximately 4.8 miles
Kackley Addition (Beechrock, Hazel, Oak St., Poplar, Hickory, Williams St, Sandy, Marshdale,
West Overlook, East Overlook, Halley, Albert, Sally, Grandview, Williams Dr.)
Grantcliff Road
Old River Road
Boat Dock Road
Shaw Road
Greenhouse Road

Load 3 – Approximately 4.1 miles
Morrison Addition (Ellen, Richwood, Thomas Lane, James Circle, Summit, Oak Lane, So.
Willow, Sherwood)
Boxtown Area (Marion, Arcadia, Benton, Bradford)
Van Sant Area (Van Sant, Jones, Miller, S. Montague, Edwards, Young Alley, Charles,
Merriam)
Raindrop

As needed – Approximately 1 mile
Michael Drive
Luby Lane
Maple Drive
Beech Drive

Updated November 2017

3 loads

4200 gallons = 100 barrels