

Construction Emission Estimates

3.5 year buildout

**Year 1**

houses built

|                      | ROG         | Emissions (tons) |             |             |
|----------------------|-------------|------------------|-------------|-------------|
|                      |             | CO               | NOx         | PM10        |
| Grading Emissions    | 0.49        | 3.95             | 3.32        | 0.15        |
| Building Emissions   | 0.28        | 1.84             | 2.28        | 0.08        |
| Fugitive Dust        | --          | --               | --          | 3.11        |
| Worker Trips         | 0.08        | 0.06             | 1.21        | 0           |
| Asphalt Emissions    | 0.004       | --               | --          | --          |
| Asphalt Worker Trips | 0           | 0                | 0           | 0           |
| Building Offgas      | 0.48        | --               | --          | --          |
| <b>TOTAL Year 1</b>  | <b>1.33</b> | <b>5.85</b>      | <b>6.81</b> | <b>3.34</b> |

**Year 2**

|                        |             |              |             |             |
|------------------------|-------------|--------------|-------------|-------------|
| Construction Emissions | 0.84        | 7.08         | 5.16        | 0.24        |
| Worker Trips           | 0.24        | 3.12         | 0.12        | 0.00        |
| Asphalt Emissions      | 0.01        | --           | --          | --          |
| Asphalt Worker Trips   | 0           | 0            | 0           | 0           |
| Building Offgas        | 2.31        | --           | --          | --          |
| <b>TOTAL Year 2</b>    | <b>3.39</b> | <b>10.20</b> | <b>5.28</b> | <b>0.24</b> |

**Year 3**

|                        |             |              |             |             |
|------------------------|-------------|--------------|-------------|-------------|
| Construction Emissions | 0.84        | 7.08         | 5.16        | 0.24        |
| Worker Trips           | 0.24        | 3.24         | 0.12        | 0.00        |
| Asphalt Emissions      | 0.01        | --           | --          | --          |
| Asphalt Worker Trips   | 0           | 0            | 0           | 0           |
| Building Offgas        | 2.31        | --           | --          | --          |
| <b>TOTAL Year 3</b>    | <b>3.39</b> | <b>10.32</b> | <b>5.28</b> | <b>0.24</b> |

**Year 4**

|                        |             |             |             |             |
|------------------------|-------------|-------------|-------------|-------------|
| Construction Emissions | 0.73        | 6.19        | 4.41        | 0.11        |
| Worker Trips           | 0.21        | 2.43        | 0.11        | 0.00        |
| Asphalt Emissions      | 0.00        | --          | --          | --          |
| Asphalt Worker Trips   | 0           | 0           | 0           | 0           |
| Building Offgas        | 2.31        | --          | --          | --          |
| <b>TOTAL Year 4</b>    | <b>3.25</b> | <b>8.62</b> | <b>4.52</b> | <b>0.11</b> |

Grading

Weeks One through Three

| Equipment     | Units | Days | Horsepower<br>(hp) | Load Factor | Hours/day | ROG |
|---------------|-------|------|--------------------|-------------|-----------|-----|
| D6 Dozer      | 1     | 2    | 352                | 0.59        | 8         | 1   |
| D9 Dozer      | 2     | 5    | 352                | 0.59        | 8         | 1   |
| 623 Scraper   | 2     | 2    | 365                | 0.66        | 8         | 1   |
| 824 Compactor | 1     | 10   | 340                | 0.43        | 8         | 1   |
| 12G Blade     | 1     | 5    | 174                | 0.575       | 8         | 1   |
| 966 Loader    | 1     | 3    | 246                | 0.465       | 8         | 1   |
| 350 ATD       | 1     | 3    | 190                | 0.62        | 8         | 1   |
| Water Pull    | 1     | 10   | 417                | 0.49        | 8         | 1   |

Weeks Three through Twelve

| Equipment     | Units | Days | Horsepower<br>(hp) | Load Factor | Hours/day | ROG |
|---------------|-------|------|--------------------|-------------|-----------|-----|
| D6 Dozer      | 1     | 5    | 352                | 0.59        | 8         | 1   |
| Behl Scraper  | 2     | 35   | 365                | 0.66        | 8         | 1   |
| 637 Scraper   | 4     | 35   | 365                | 0.66        | 8         | 1   |
| 824 Compactor | 1     | 35   | 340                | 0.43        | 8         | 1   |
| 12 Blade      | 1     | 35   | 174                | 0.575       | 8         | 1   |
| Water Pull    | 1     | 35   | 417                | 0.49        | 8         | 1   |
| Water Truck   | 1     | 35   | 417                | 0.49        | 8         | 1   |

Weeks Thirteen through Fourteen

| Equipment    | Units | Days | Horsepower<br>(hp) | Load Factor | Hours/day | ROG |
|--------------|-------|------|--------------------|-------------|-----------|-----|
| Behl Scraper | 1     | 10   | 365                | 0.66        | 8         | 1   |
| 623 Scraper  | 2     | 10   | 365                | 0.66        | 8         | 1   |
| 12G Blade    | 2     | 10   | 174                | 0.575       | 8         | 1   |
| Water Truck  | 1     | 10   | 417                | 0.49        | 8         | 1   |

## Emission Factor (g/hp-hr)

## Emissions (lbs)

| CO                 | NOx  | PM10 | ROG   | CO     | NOx    | PM10  |
|--------------------|------|------|-------|--------|--------|-------|
| 6.57               | 8.74 | 0.42 | 7.3   | 48.1   | 64.0   | 3.1   |
| 6.57               | 8.74 | 0.42 | 18.3  | 120.3  | 160.1  | 7.7   |
| 7.76               | 7.25 | 0.33 | 8.5   | 65.9   | 61.6   | 2.8   |
| 8.5                | 6.21 | 0.25 | 25.8  | 219.2  | 160.1  | 6.4   |
| 8.5                | 6.35 | 0.28 | 8.8   | 75.0   | 56.0   | 2.5   |
| 8.5                | 6.21 | 0.25 | 6.1   | 51.4   | 37.6   | 1.5   |
| 6.85               | 8.37 | 0.39 | 6.2   | 42.7   | 52.2   | 2.4   |
| 8.5                | 6.35 | 0.28 | 36.0  | 306.3  | 228.8  | 10.1  |
| TOTAL              |      |      | 117.1 | 929.0  | 820.4  | 36.5  |
| 6.57               | 8.74 | 0.42 | 18.3  | 120.3  | 160.1  | 7.7   |
| 7.76               | 7.25 | 0.33 | 148.7 | 1153.9 | 1078.1 | 49.1  |
| 7.76               | 7.25 | 0.33 | 148.7 | 1153.9 | 1078.1 | 49.1  |
| 8.5                | 6.21 | 0.25 | 90.2  | 767.1  | 560.4  | 22.6  |
| 8.5                | 6.35 | 0.28 | 61.8  | 525.0  | 392.2  | 17.3  |
| 8.5                | 6.35 | 0.28 | 126.1 | 1072.1 | 800.9  | 35.3  |
| 8.5                | 6.35 | 0.28 | 126.1 | 1072.1 | 800.9  | 35.3  |
| TOTAL              |      |      | 720.0 | 5864.5 | 4870.7 | 216.3 |
| 7.76               | 7.25 | 0.33 | 42.5  | 329.7  | 308.0  | 14.0  |
| 7.76               | 7.25 | 0.33 | 42.5  | 329.7  | 308.0  | 14.0  |
| 8.5                | 6.35 | 0.28 | 17.6  | 150.0  | 112.0  | 4.9   |
| 8.5                | 6.35 | 0.28 | 36.0  | 306.3  | 228.8  | 10.1  |
| TOTAL              |      |      | 138.7 | 1115.7 | 956.9  | 43.1  |
| GRAND TOTAL        |      |      | 975.7 | 7909.2 | 6648.1 | 295.9 |
| GRAND TOTAL (tons) |      |      | 0.49  | 3.95   | 3.32   | 0.15  |

## Emission Factors

## Emission Factor (g/hp-hr)

|                     | ROG | CO   | NOx   | PM10 |
|---------------------|-----|------|-------|------|
| borehaulrigs2000    | 1   | 8.5  | 6.9   | 0.4  |
| borehaulrigs2001    | 1   | 8.5  | 6.53  | 0.32 |
| borehaulrigs2002    | 1   | 8.5  | 6.17  | 0.24 |
| borehaulrigs2003    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2004    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2005    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2006    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2007    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2008    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2009    | 1   | 8.5  | 5.8   | 0.16 |
| borehaulrigs2010    | 1   | 8.5  | 5.8   | 0.16 |
| concretesaws2000    | 1   | 5.47 | 10.22 | 0.53 |
| concretesaws2001    | 1   | 5.74 | 9.85  | 0.5  |
| concretesaws2002    | 1   | 6.02 | 9.48  | 0.47 |
| concretesaws2003    | 1   | 6.29 | 9.11  | 0.45 |
| concretesaws2004    | 1   | 6.57 | 8.74  | 0.42 |
| concretesaws2005    | 1   | 6.85 | 8.37  | 0.39 |
| concretesaws2006    | 1   | 7.12 | 8     | 0.37 |
| concretesaws2007    | 1   | 7.4  | 7.63  | 0.34 |
| concretesaws2008    | 1   | 7.67 | 7.26  | 0.31 |
| concretesaws2009    | 1   | 7.95 | 6.88  | 0.29 |
| concretesaws2010    | 1   | 8.22 | 6.51  | 0.26 |
| cranes2000          | 1   | 6.54 | 9.05  | 0.48 |
| cranes2001          | 1   | 7.03 | 8.39  | 0.44 |
| cranes2002          | 1   | 7.52 | 7.73  | 0.39 |
| cranes2003          | 1   | 8.01 | 7.07  | 0.34 |
| cranes2004          | 1   | 8.5  | 6.41  | 0.29 |
| cranes2005          | 1   | 8.5  | 6.29  | 0.27 |
| cranes2006          | 1   | 8.5  | 6.17  | 0.24 |
| cranes2007          | 1   | 8.5  | 6.04  | 0.21 |
| cranes2008          | 1   | 8.5  | 5.92  | 0.19 |
| cranes2009          | 1   | 8.5  | 5.8   | 0.16 |
| cranes2010          | 1   | 8.5  | 5.8   | 0.16 |
| crawlertractors2000 | 1   | 5.47 | 10.22 | 0.53 |
| crawlertractors2001 | 1   | 5.74 | 9.85  | 0.5  |
| crawlertractors2002 | 1   | 6.02 | 9.48  | 0.47 |
| crawlertractors2003 | 1   | 6.29 | 9.11  | 0.45 |
| crawlertractors2004 | 1   | 6.57 | 8.74  | 0.42 |
| crawlertractors2005 | 1   | 6.85 | 8.37  | 0.39 |
| crawlertractors2006 | 1   | 7.12 | 8     | 0.37 |
| crawlertractors2007 | 1   | 7.4  | 7.63  | 0.34 |
| crawlertractors2008 | 1   | 7.67 | 7.26  | 0.31 |
| crawlertractors2009 | 1   | 7.95 | 6.88  | 0.29 |
| crawlertractors2010 | 1   | 8.22 | 6.51  | 0.26 |
| crushingequip2000   | 1   | 5.47 | 10.22 | 0.53 |
| crushingequip2001   | 1   | 5.74 | 9.85  | 0.5  |
| crushingequip2002   | 1   | 6.02 | 9.48  | 0.47 |
| crushingequip2003   | 1   | 6.29 | 9.11  | 0.45 |
| crushingequip2004   | 1   | 6.57 | 8.74  | 0.42 |

|                        |   |      |       |      |
|------------------------|---|------|-------|------|
| crushingequip2005      | 1 | 6.85 | 8.37  | 0.39 |
| crushingequip2006      | 1 | 7.12 | 8     | 0.37 |
| crushingequip2007      | 1 | 7.4  | 7.63  | 0.34 |
| crushingequip2008      | 1 | 7.67 | 7.26  | 0.31 |
| crushingequip2009      | 1 | 7.95 | 6.88  | 0.29 |
| crushingequip2010      | 1 | 8.22 | 6.51  | 0.26 |
| excavators2000         | 1 | 7.24 | 8.28  | 0.45 |
| excavators2001         | 1 | 7.87 | 7.43  | 0.39 |
| excavators2002         | 1 | 8.5  | 6.59  | 0.33 |
| excavators2003         | 1 | 8.5  | 6.43  | 0.3  |
| excavators2004         | 1 | 8.5  | 6.27  | 0.26 |
| excavators2005         | 1 | 8.5  | 6.11  | 0.23 |
| excavators2006         | 1 | 8.5  | 5.96  | 0.19 |
| excavators2007         | 1 | 8.5  | 5.8   | 0.16 |
| excavators2008         | 1 | 8.5  | 5.8   | 0.16 |
| excavators2009         | 1 | 8.5  | 5.8   | 0.16 |
| excavators2010         | 1 | 8.5  | 5.8   | 0.16 |
| graders2000            | 1 | 6.29 | 9.31  | 0.49 |
| graders2001            | 1 | 6.74 | 8.72  | 0.45 |
| graders2002            | 1 | 7.18 | 8.13  | 0.41 |
| graders2003            | 1 | 7.62 | 7.54  | 0.37 |
| graders2004            | 1 | 8.06 | 6.94  | 0.32 |
| graders2005            | 1 | 8.5  | 6.35  | 0.28 |
| graders2006            | 1 | 8.5  | 6.24  | 0.26 |
| graders2007            | 1 | 8.5  | 6.13  | 0.23 |
| graders2008            | 1 | 8.5  | 6.02  | 0.21 |
| graders2009            | 1 | 8.5  | 5.91  | 0.18 |
| graders2010            | 1 | 8.5  | 5.8   | 0.16 |
| offhighwaytractors2000 | 1 | 5.47 | 10.22 | 0.53 |
| offhighwaytractors2001 | 1 | 5.74 | 9.85  | 0.5  |
| offhighwaytractors2002 | 1 | 6.02 | 9.48  | 0.47 |
| offhighwaytractors2003 | 1 | 6.29 | 9.11  | 0.45 |
| offhighwaytractors2004 | 1 | 6.57 | 8.74  | 0.42 |
| offhighwaytractors2005 | 1 | 6.85 | 8.37  | 0.39 |
| offhighwaytractors2006 | 1 | 7.12 | 8     | 0.37 |
| offhighwaytractors2007 | 1 | 7.4  | 7.63  | 0.34 |
| offhighwaytractors2008 | 1 | 7.67 | 7.26  | 0.31 |
| offhighwaytractors2009 | 1 | 7.95 | 6.88  | 0.29 |
| offhighwaytractors2010 | 1 | 8.22 | 6.51  | 0.26 |
| offhighwaytrucks2000   | 1 | 6.29 | 9.31  | 0.49 |
| offhighwaytrucks2001   | 1 | 6.74 | 8.72  | 0.45 |
| offhighwaytrucks2002   | 1 | 7.18 | 8.13  | 0.41 |
| offhighwaytrucks2003   | 1 | 7.62 | 7.54  | 0.37 |
| offhighwaytrucks2004   | 1 | 8.06 | 6.94  | 0.32 |
| offhighwaytrucks2005   | 1 | 8.5  | 6.35  | 0.28 |
| offhighwaytrucks2006   | 1 | 8.5  | 6.24  | 0.26 |
| offhighwaytrucks2007   | 1 | 8.5  | 6.13  | 0.23 |
| offhighwaytrucks2008   | 1 | 8.5  | 6.02  | 0.21 |
| offhighwaytrucks2009   | 1 | 8.5  | 5.91  | 0.18 |
| offhighwaytrucks2010   | 1 | 8.5  | 5.8   | 0.16 |
| otherequipment2000     | 1 | 5.47 | 10.22 | 0.53 |
| otherequipment2001     | 1 | 5.74 | 9.85  | 0.5  |

|                    |   |      |       |      |
|--------------------|---|------|-------|------|
| otherequipment2002 | 1 | 6.02 | 9.48  | 0.47 |
| otherequipment2003 | 1 | 6.29 | 9.11  | 0.45 |
| otherequipment2004 | 1 | 6.57 | 8.74  | 0.42 |
| otherequipment2005 | 1 | 6.85 | 8.37  | 0.39 |
| otherequipment2006 | 1 | 7.12 | 8     | 0.37 |
| otherequipment2007 | 1 | 7.4  | 7.63  | 0.34 |
| otherequipment2008 | 1 | 7.67 | 7.26  | 0.31 |
| otherequipment2009 | 1 | 7.95 | 6.88  | 0.29 |
| otherequipment2010 | 1 | 8.22 | 6.51  | 0.26 |
| pavers2000         | 1 | 6.85 | 8.71  | 0.47 |
| pavers2001         | 1 | 7.4  | 7.97  | 0.42 |
| pavers2002         | 1 | 7.95 | 7.23  | 0.36 |
| pavers2003         | 1 | 8.5  | 6.49  | 0.31 |
| pavers2004         | 1 | 8.5  | 6.35  | 0.28 |
| pavers2005         | 1 | 8.5  | 6.21  | 0.25 |
| pavers2006         | 1 | 8.5  | 6.08  | 0.22 |
| pavers2007         | 1 | 8.5  | 5.94  | 0.19 |
| pavers2008         | 1 | 8.5  | 5.8   | 0.16 |
| pavers2009         | 1 | 8.5  | 5.8   | 0.16 |
| pavers2010         | 1 | 8.5  | 5.8   | 0.16 |
| pavingequipt2000   | 1 | 5.47 | 10.22 | 0.53 |
| pavingequipt2001   | 1 | 5.74 | 9.85  | 0.5  |
| pavingequipt2002   | 1 | 6.02 | 9.48  | 0.47 |
| pavingequipt2003   | 1 | 6.29 | 9.11  | 0.45 |
| pavingequipt2004   | 1 | 6.57 | 8.74  | 0.42 |
| pavingequipt2005   | 1 | 6.85 | 8.37  | 0.39 |
| pavingequipt2006   | 1 | 7.12 | 8     | 0.37 |
| pavingequipt2007   | 1 | 7.4  | 7.63  | 0.34 |
| pavingequipt2008   | 1 | 7.67 | 7.26  | 0.31 |
| pavingequipt2009   | 1 | 7.95 | 6.88  | 0.29 |
| pavingequipt2010   | 1 | 8.22 | 6.51  | 0.26 |
| rollers2000        | 1 | 6.85 | 8.71  | 0.47 |
| rollers2001        | 1 | 7.4  | 7.97  | 0.42 |
| rollers2002        | 1 | 7.95 | 7.23  | 0.36 |
| rollers2003        | 1 | 8.5  | 6.49  | 0.31 |
| rollers2004        | 1 | 8.5  | 6.35  | 0.28 |
| rollers2005        | 1 | 8.5  | 6.21  | 0.25 |
| rollers2006        | 1 | 8.5  | 6.08  | 0.22 |
| rollers2007        | 1 | 8.5  | 5.94  | 0.19 |
| rollers2008        | 1 | 8.5  | 5.8   | 0.16 |
| rollers2009        | 1 | 8.5  | 5.8   | 0.16 |
| rollers2010        | 1 | 8.5  | 5.8   | 0.16 |
| roughforklifts2000 | 1 | 6.85 | 8.71  | 0.47 |
| roughforklifts2001 | 1 | 7.4  | 7.97  | 0.42 |
| roughforklifts2002 | 1 | 7.95 | 7.23  | 0.36 |
| roughforklifts2003 | 1 | 8.5  | 6.49  | 0.31 |
| roughforklifts2004 | 1 | 8.5  | 6.35  | 0.28 |
| roughforklifts2005 | 1 | 8.5  | 6.21  | 0.25 |
| roughforklifts2006 | 1 | 8.5  | 6.08  | 0.22 |
| roughforklifts2007 | 1 | 8.5  | 5.94  | 0.19 |
| roughforklifts2008 | 1 | 8.5  | 5.8   | 0.16 |
| roughforklifts2009 | 1 | 8.5  | 5.8   | 0.16 |



|                      |   |      |       |      |
|----------------------|---|------|-------|------|
| roughforklifts2010   | 1 | 8.5  | 5.8   | 0.16 |
| rubberdozers2000     | 1 | 5.47 | 10.22 | 0.53 |
| rubberdozers2001     | 1 | 5.74 | 9.85  | 0.5  |
| rubberdozers2002     | 1 | 6.02 | 9.48  | 0.47 |
| rubberdozers2003     | 1 | 6.29 | 9.11  | 0.45 |
| rubberdozers2004     | 1 | 6.57 | 8.74  | 0.42 |
| rubberdozers2005     | 1 | 6.85 | 8.37  | 0.39 |
| rubberdozers2006     | 1 | 7.12 | 8     | 0.37 |
| rubberdozers2007     | 1 | 7.4  | 7.63  | 0.34 |
| rubberdozers2008     | 1 | 7.67 | 7.26  | 0.31 |
| rubberdozers2009     | 1 | 7.95 | 6.88  | 0.29 |
| rubberdozers2010     | 1 | 8.22 | 6.51  | 0.26 |
| rubberloaders2000    | 1 | 6.85 | 8.71  | 0.47 |
| rubberloaders2001    | 1 | 7.4  | 7.97  | 0.42 |
| rubberloaders2002    | 1 | 7.95 | 7.23  | 0.36 |
| rubberloaders2003    | 1 | 8.5  | 6.49  | 0.31 |
| rubberloaders2004    | 1 | 8.5  | 6.35  | 0.28 |
| rubberloaders2005    | 1 | 8.5  | 6.21  | 0.25 |
| rubberloaders2006    | 1 | 8.5  | 6.08  | 0.22 |
| rubberloaders2007    | 1 | 8.5  | 5.94  | 0.19 |
| rubberloaders2008    | 1 | 8.5  | 5.8   | 0.16 |
| rubberloaders2009    | 1 | 8.5  | 5.8   | 0.16 |
| rubberloaders2010    | 1 | 8.5  | 5.8   | 0.16 |
| scrapers2000         | 1 | 5.93 | 9.72  | 0.51 |
| scrapers2001         | 1 | 6.29 | 9.22  | 0.47 |
| scrapers2002         | 1 | 6.66 | 8.73  | 0.44 |
| scrapers2003         | 1 | 7.03 | 8.23  | 0.4  |
| scrapers2004         | 1 | 7.4  | 7.74  | 0.37 |
| scrapers2005         | 1 | 7.76 | 7.25  | 0.33 |
| scrapers2006         | 1 | 8.13 | 6.75  | 0.3  |
| scrapers2007         | 1 | 8.5  | 6.26  | 0.26 |
| scrapers2008         | 1 | 8.5  | 6.17  | 0.24 |
| scrapers2009         | 1 | 8.5  | 6.08  | 0.22 |
| scrapers2010         | 1 | 8.5  | 5.98  | 0.2  |
| signalboards2000     | 1 | 5.47 | 10.22 | 0.53 |
| signalboards2001     | 1 | 5.74 | 9.85  | 0.5  |
| signalboards2002     | 1 | 6.02 | 9.48  | 0.47 |
| signalboards2003     | 1 | 6.29 | 9.11  | 0.45 |
| signalboards2004     | 1 | 6.57 | 8.74  | 0.42 |
| signalboards2005     | 1 | 6.85 | 8.37  | 0.39 |
| signalboards2006     | 1 | 7.12 | 8     | 0.37 |
| signalboards2007     | 1 | 7.4  | 7.63  | 0.34 |
| signalboards2008     | 1 | 7.67 | 7.26  | 0.31 |
| signalboards2009     | 1 | 7.95 | 6.88  | 0.29 |
| signalboards2010     | 1 | 8.22 | 6.51  | 0.26 |
| skidsteerloaders2000 | 1 | 8.5  | 6.9   | 0.4  |
| skidsteerloaders2001 | 1 | 8.5  | 6.68  | 0.35 |
| skidsteerloaders2002 | 1 | 8.5  | 6.46  | 0.3  |
| skidsteerloaders2003 | 1 | 8.5  | 6.24  | 0.26 |
| skidsteerloaders2004 | 1 | 8.5  | 6.02  | 0.21 |
| skidsteerloaders2005 | 1 | 8.5  | 5.8   | 0.16 |
| skidsteerloaders2006 | 1 | 8.5  | 5.8   | 0.16 |

|                      |   |      |       |      |
|----------------------|---|------|-------|------|
| skidsteerloaders2007 | 1 | 8.5  | 5.8   | 0.16 |
| skidsteerloaders2008 | 1 | 8.5  | 5.8   | 0.16 |
| skidsteerloaders2009 | 1 | 8.5  | 5.8   | 0.16 |
| skidsteerloaders2010 | 1 | 8.5  | 5.8   | 0.16 |
| surfacingequip2000   | 1 | 5.47 | 10.22 | 0.53 |
| surfacingequip2001   | 1 | 5.74 | 9.85  | 0.5  |
| surfacingequip2002   | 1 | 6.02 | 9.48  | 0.47 |
| surfacingequip2003   | 1 | 6.29 | 9.11  | 0.45 |
| surfacingequip2004   | 1 | 6.57 | 8.74  | 0.42 |
| surfacingequip2005   | 1 | 6.85 | 8.37  | 0.39 |
| surfacingequip2006   | 1 | 7.12 | 8     | 0.37 |
| surfacingequip2007   | 1 | 7.4  | 7.63  | 0.34 |
| surfacingequip2008   | 1 | 7.67 | 7.26  | 0.31 |
| surfacingequip2009   | 1 | 7.95 | 6.88  | 0.29 |
| surfacingequip2010   | 1 | 8.22 | 6.51  | 0.26 |
| tractors2000         | 1 | 5.47 | 10.22 | 0.53 |
| tractors2001         | 1 | 5.74 | 9.85  | 0.5  |
| tractors2002         | 1 | 6.02 | 9.48  | 0.47 |
| tractors2003         | 1 | 6.29 | 9.11  | 0.45 |
| tractors2004         | 1 | 6.57 | 8.74  | 0.42 |
| tractors2005         | 1 | 6.85 | 8.37  | 0.39 |
| tractors2006         | 1 | 7.12 | 8     | 0.37 |
| tractors2007         | 1 | 7.4  | 7.63  | 0.34 |
| tractors2008         | 1 | 7.67 | 7.26  | 0.31 |
| tractors2009         | 1 | 7.95 | 6.88  | 0.29 |
| tractors2010         | 1 | 8.22 | 6.51  | 0.26 |
| trenchers2000        | 1 | 7.24 | 8.28  | 0.45 |
| trenchers2001        | 1 | 7.87 | 7.43  | 0.39 |
| trenchers2002        | 1 | 8.5  | 6.59  | 0.33 |
| trenchers2003        | 1 | 8.5  | 6.43  | 0.3  |
| trenchers2004        | 1 | 8.5  | 6.27  | 0.26 |
| trenchers2005        | 1 | 8.5  | 6.11  | 0.23 |
| trenchers2006        | 1 | 8.5  | 5.96  | 0.19 |
| trenchers2007        | 1 | 8.5  | 5.8   | 0.16 |
| trenchers2008        | 1 | 8.5  | 5.8   | 0.16 |
| trenchers2009        | 1 | 8.5  | 5.8   | 0.16 |
| trenchers2010        | 1 | 8.5  | 5.8   | 0.16 |
| extraline            | 0 | 0    | 0     | 0    |