

# Waste Storage - Operation Responsibility

## Westridge Dairy

| Barn # | Barn Name | Storage Type  | Definition of Storage Type   |
|--------|-----------|---------------|--|
| 1      | Barn 1    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 2      | Barn 2    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 3      | Barn 3    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 4      | Barn 4    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 5      | Barn 5    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 6      | Barn 6    | Scrape & Haul | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 7      | Barn 7    | Manure Pack   | Waste that is temporarily contained within the animal confinement areas. The waste is either hauled directly for land application or moved to a longer term storage structure. |

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|     |           |                   |  |
|-----|-----------|-------------------|--|
| 8   | Barn 8    | Scrape & Haul     | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 9   | Barn 9    | Scrape & Haul     | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 10  | Barn 10   | Manure Pack       | Waste that is temporarily contained within the animal confinement areas. The waste is either hauled directly for land application or moved to a longer term storage structure.   |
| 11  | Barn 11   | Manure Pack       | Waste that is temporarily contained within the animal confinement areas. The waste is either hauled directly for land application or moved to a longer term storage structure.   |
| 12  | Barn 12   | Scrape & Haul     | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 13  | Barn 13   | Scrape & Haul     | Area is scraped and placed in holding facility or hauled directly for land application.  |
| 101 | Basin 101 | In Ground Storage | Storage structure located near the facility. Waste is pumped or gravity fed to the structure and stored in an anaerobic environment until it is removed for field application or transferred to another storage structure. |
| 102 | Basin 102 | In Ground Storage | Storage structure located near the facility. Waste is pumped or gravity fed to the structure and stored in an anaerobic environment until it is removed for field application or transferred to another storage structure. |

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|-----|-------------------|-------------------|--|
| 103 | Basin 103         | In Ground Storage | Storage structure located near the facility. Waste is pumped or gravity fed to the structure and stored in an anaerobic environment until it is removed for field application or transferred to another storage structure. |
| 104 | Holding Pond 104  | Lagoon            | Earthen storage structure located near the facility. Waste is pumped to the structure and stored in an anaerobic environment until it is removed for field application.  |
| 105 | Lagoon 105        | Lagoon            | Earthen storage structure located near the facility. Waste is pumped to the structure and stored in an anaerobic environment until it is removed for field application.  |
| 106 | Stacking Area 106 | Lagoon            | Earthen storage structure located near the facility. Waste is pumped to the structure and stored in an anaerobic environment until it is removed for field application.  |
| 107 | Stacking Area 107 | Manure Pack       | Waste that is temporarily contained within the animal confinement areas. The waste is either hauled directly for land application or moved to a longer term storage structure.   |

# Waste Storage Capacities

## Westridge Dairy

| Barn                  | Storage Type      | Animal Type   | Animal Capacity | Annual Manure Volume | Waste Storage Capacity | Pounds or Gallons | Storage Capacity Days |
|-----------------------|-------------------|---------------|-----------------|----------------------|------------------------|-------------------|-----------------------|
| 1 Barn 1              | Scrape & Haul     | Dairy - 1400# | 120             | 6,613,800            | 252,750                | Pounds            | 14                    |
| 2 Barn 2              | Scrape & Haul     | Dairy - 1400# | 120             | 6,613,800            | 252,750                | Pounds            | 14                    |
| 3 Barn 3              | Scrape & Haul     | Dairy - 1400# | 120             | 6,613,800            | 252,750                | Pounds            | 14                    |
| 4 Barn 4              | Scrape & Haul     | Dairy - 1400# | 120             | 6,613,800            | 294,875                | Pounds            | 16                    |
| 5 Barn 5              | Scrape & Haul     | Dairy - 1400# | 100             | 5,511,500            | 176,925                | Pounds            | 12                    |
| 6 Barn 6              | Scrape & Haul     | Dairy - 1400# | 60              | 3,306,900            | 60,660                 | Pounds            | 7                     |
| 7 Barn 7              | Manure Pack       | Dairy - 1400# | 30              | 1,379,700            | 72,150                 | Pounds            | 19                    |
| 8 Barn 8              | Scrape & Haul     | Dairy - 1400# | 100             | 4,672,000            | 238,500                | Pounds            | 19                    |
| 9 Barn 9              | Scrape & Haul     | Dairy - 1400# | 50              | 219,000              | 62,000                 | Pounds            | 103                   |
| 10 Barn 10            | Manure Pack       | Dairy - 150#  | 75              | 438,000              | 153,000                | Pounds            | 128                   |
| 11 Barn 11            | Manure Pack       | Dairy - 150#  | 75              | 438,000              | 153,000                | Pounds            | 128                   |
| 12 Barn 12            | Scrape & Haul     | Dairy - 1400# | 40              | 175,200              | 62,000                 | Pounds            | 129                   |
| 13 Barn 13            | Scrape & Haul     | Dairy - 250#  | 100             | 912,500              | 373,620                | Pounds            | 149                   |
| 101 Basin 101         | In Ground Storage | Dairy - 1400# | 0               | 0                    | 5,392,000              | Pounds            |                       |
| 102 Basin 102         | In Ground Storage | Dairy - 1400# | 0               | 0                    | 1,455,840              | Pounds            |                       |
| 103 Basin 103         | In Ground Storage | Dairy - 1400# | 0               | 0                    | 1,455,840              | Pounds            |                       |
| 104 Holding Pond 104  | Lagoon            | Dairy - 1400# | 0               | 0                    | 3,998,417              | Gallons           |                       |
| 105 Lagoon 105        | Lagoon            | Dairy - 1400# | 0               | 0                    | 3,163,788              | Gallons           |                       |
| 106 Stacking Area 106 | Lagoon            | Dairy - 150#  | 0               | 0                    | 111,600                | Pounds            |                       |
| 107 Stacking Area 107 | Manure Pack       | Dairy - 250#  | 0               | 0                    | 13,465                 | Pounds            |                       |

# Animal Inventory

## Westridge Dairy

### Barn # 1      Barn 1

|                          |                      |
|--------------------------|----------------------|
| <i>Animal Type</i>       | <b>Dairy - 1400#</b> |
| <i>Animal Capacity</i>   | <b>120</b>           |
| <i>Average Size</i>      | <b>1400</b>          |
| <i>IDOA Animal Units</i> | <b>168</b>           |
| <i>NRCS Animal Units</i> | <b>168</b>           |

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### Barn # 2      Barn 2

|                          |                      |
|--------------------------|----------------------|
| <i>Animal Type</i>       | <b>Dairy - 1400#</b> |
| <i>Animal Capacity</i>   | <b>120</b>           |
| <i>Average Size</i>      | <b>1400</b>          |
| <i>IDOA Animal Units</i> | <b>168</b>           |
| <i>NRCS Animal Units</i> | <b>168</b>           |

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### Barn # 3      Barn 3

|                          |                      |
|--------------------------|----------------------|
| <i>Animal Type</i>       | <b>Dairy - 1400#</b> |
| <i>Animal Capacity</i>   | <b>120</b>           |
| <i>Average Size</i>      | <b>1400</b>          |
| <i>IDOA Animal Units</i> | <b>168</b>           |
| <i>NRCS Animal Units</i> | <b>168</b>           |

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### Barn # 4      Barn 4

|                          |                      |
|--------------------------|----------------------|
| <i>Animal Type</i>       | <b>Dairy - 1400#</b> |
| <i>Animal Capacity</i>   | <b>120</b>           |
| <i>Average Size</i>      | <b>1400</b>          |
| <i>IDOA Animal Units</i> | <b>168</b>           |
| <i>NRCS Animal Units</i> | <b>168</b>           |

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### Barn # 5      Barn 5

|                          |                      |
|--------------------------|----------------------|
| <i>Animal Type</i>       | <b>Dairy - 1400#</b> |
| <i>Animal Capacity</i>   | <b>100</b>           |
| <i>Average Size</i>      | <b>1400</b>          |
| <i>IDOA Animal Units</i> | <b>140</b>           |
| <i>NRCS Animal Units</i> | <b>140</b>           |

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