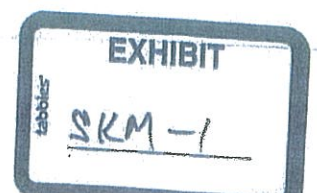


Recent Quarterly Ground Water Quality Data at Dairy Facilities as of December 2009

Exhibit Summary

This exhibit contains ground water quality data submitted as of December 2009 and associated with dairy facilities that are actively discharging wastewater and those that have discharged wastewater in the past but are currently inactive. There are 168 dairy facilities currently classified as active (144) and inactive (24). This data illustrates (in Tables 1, 2 and 3) the highest concentrations of nitrate-nitrogen reported for dairy facilities in the most recent monitoring reports received by the department (as of December 2009). This data further indicates the source or sources associated with the nitrate-nitrogen contamination for those dairy facilities. The data includes the recent concentration of nitrate-nitrogen in the downgradient monitoring well(s) and associated upgradient concentration from the same sampling event, if available. This exhibit does not summarize data from all monitoring wells at the dairy facilities. The laboratory analyses associated with all monitoring well data submitted by dairy facilities is provided in NMED Exhibit SKM - 3.



Recent Quarterly Ground Water Quality Data at Dairy Facilities as of December 2009

Nitrate-Nitrogen Contamination at Dairy Facilities

Figure 1 below (summarized from the data in Table 1) shows that of the 168 active and inactive dairy facilities;

- 57.1 % - (96 facilities) currently have nitrate-nitrogen contamination in ground water.
- 37.5 % - (63 facilities) currently have no documented nitrate-nitrogen contamination in ground water.
- 4.2 % - (7 facilities) have no monitoring wells to assess the potential impacts on ground water quality from contamination sources at the dairy facility.
- 1.2 % - (2 facilities) have monitoring wells, but were unable to collect a sample.

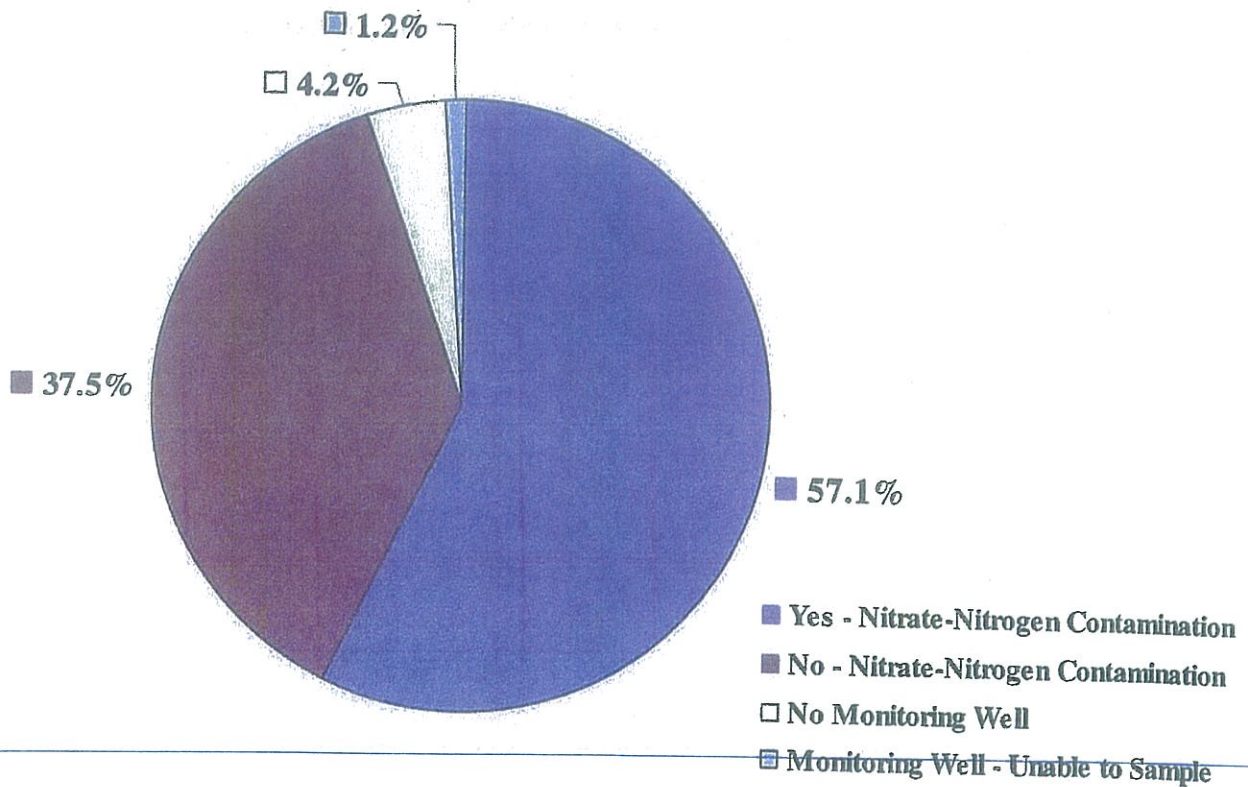


Figure 1: Nitrate-Nitrogen Contamination at Dairy Facilities

Recent Quarterly Ground Water Quality Data at Dairy Facilities as of December 2009

Sources of Nitrate-Nitrogen Contamination at Dairy Facilities

Figure 2 below (summarized from the data in Table 2) shows that 96 dairy facilities currently have nitrate-nitrogen contamination in ground water. Of those facilities;

- 71.9 % (69 facilities) have contamination from wastewater impoundments or combination wastewater/stormwater impoundments.
- 60.4 % (58 facilities) have contamination from the land application area.

Of the 96 dairy facilities that currently have nitrate-nitrogen contamination in ground water, 43.75% (42 facilities) have contamination from multiple sources (see Table 3).

41% of total 168

16% due to other sources

73?

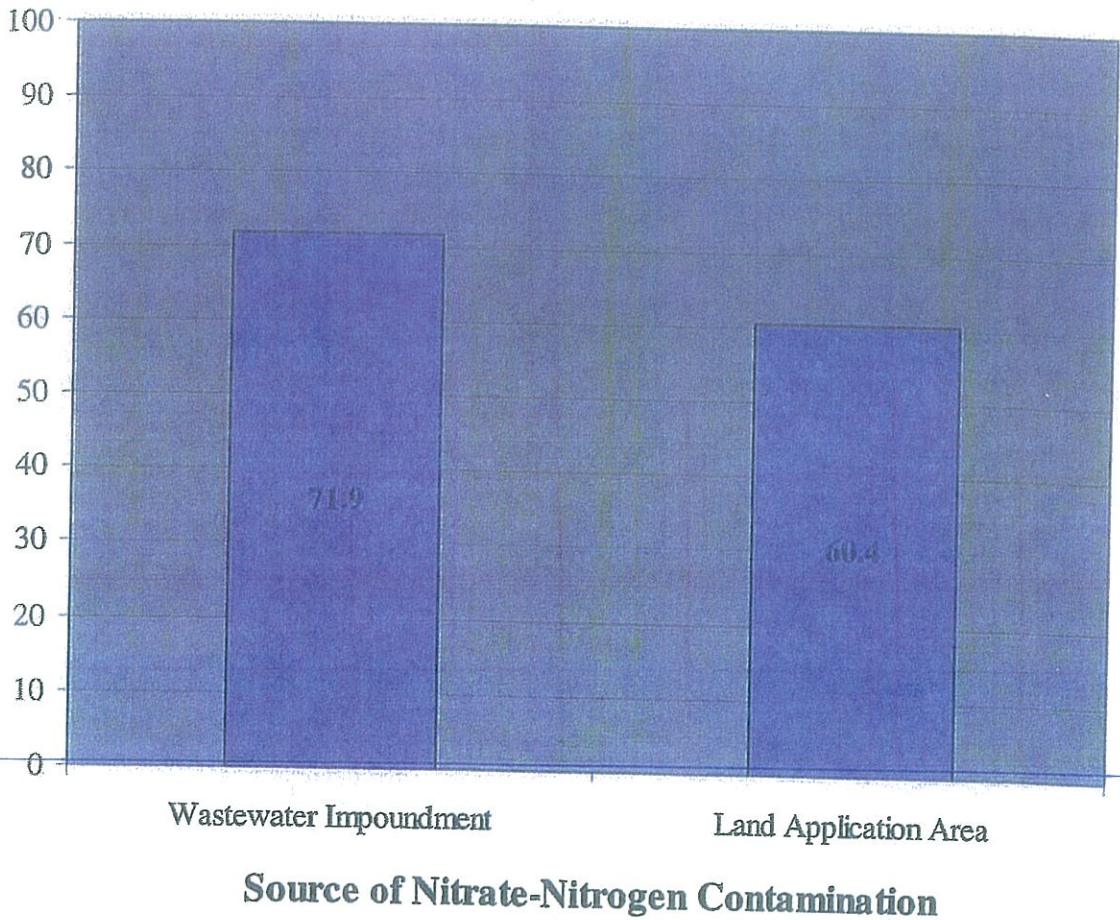


Figure 2: Sources of Nitrate-Nitrogen Contamination at Dairy Facilities

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------------------|----------------------|----------|------------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (Std = 10.0 mg/L) | Cl mg/L (Std = 250.0 mg/L) | TDS mg/L (Std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 585 | McCann Dairy | 1950's | Active | Bernalillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | wastewater impoundment | 160 | 300 | 2450 | ND | MW-3 | 15-Sep-09 | 12 |
| 765 | R&M Dairy | 1991 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | land application field | 160 | 220 | 4300 | 2.2 | MW-3 | 5-Jul-06 | 14 |
| 343 | Tom Viscer Dairy | 1984 | Active | Chaves | Roswell | 60,000 | 10 | storage impoundment & land apply | Yes | land application field | 144.6 | 865 | 6325 | 0.3 | East MW | 15-Jul-09 | 11.3 |
| 683 | Top Line Dairy | 1990 | Active | Eddy | Artesia | 550,000 | 118 | storage impoundment & land apply | Yes | land application field | 110 | 1400 | 7530 | ND | MW-5 | 13-Jul-09 | 39 |
| 893 | Los Lunas Correctional Center Dairy | pre 1992 | Inactive | Valencia | Los Lunas | 6,300 | 36 | storage impoundment & land apply | Yes | wastewater impoundment | 110 | 165 | 1800 | 2.49 | MW-3 | 23-Jul-02 | 74 |
| 487 | Baca Linda Dairy | 1987 | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | stormwater impoundment | 107 | 990 | 5760 | 1.3 | MW-3A | 25-Aug-09 | 6.7 |
| 692 | Del Oro Dairy | 1990 | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | wastewater impoundment | 107 | 1060 | 4897 | 3 | DO-1 | 8-Dec-09 | 2.5 |
| 677 | Cheyenne Dairy I and III | 1991 | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | land application field | 98 | 320 | 5600 | ND | MW-2 | 16-Sep-09 | 7.9 |
| 340 | Bright Star Dairy | 1987 | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | wastewater impoundment | 94 | 890 | 3072 | ND | 340-2 | 1-Sep-09 | 12.2 |
| 42 | Dominguez Farms II & III | 1978 | Active | Doña Ana | Mesquite | 60,000 | 40 | evaporation impoundment only | Yes | stormwater impoundment | 87.1 | 410 | 2340 | 0.7 | DJ-8 | 15-Sep-09 | 66.6 |
| 74 | Buena Vista 2 | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | wastewater impoundment | 84 | 750 | 2480 | 0.14 | 74-1 | 14-Dec-09 | 14.1 |
| 791 | 3 V Dairy | 1992 | Active | Chaves | Roswell | 120,000 | 10 | storage impoundment & land apply | Yes | land application field | 82 | 190 | 3520 | ND | MW-4 | 12-Oct-09 | N/A |
| 207 | Nature's Dairy Inc | 1982 | Active | Chaves | Roswell | 84,000 | 14-17 | storage impoundment & land apply | Yes | land application field | 81 | 1900 | 8200 | ND | MW-4 | 16-Jun-09 | data not provided |
| 170 | Sun Valley Dairy LLC | | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | land application field | 80.6 | 610 | 2350 | 0.7 | MW-5 | 4-Jun-09 | 4.2 |
| 833 | Big Sky/Desertland Dairy | 1992 | Active | Doña Ana | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | stormwater impoundment | 74 | 1180 | 3978 | ND | 833-07 | 31-Aug-09 | 16.1 |
| 227 | Queso Grande Dairy | | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | wastewater impoundment | 73.6 | 300 | 4410 | 0.9 | MW-4 | 23-Sep-09 | data not provided |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Max shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|----------------------------------|----------------------|----------|-----------|--------------|--|--|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 606 | Dexter Dairy | 1989 | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | wastewater impoundment | 72 | 240 | 3440 | ND | MW-4 | 19-Aug-09 | 11 |
| 228 | New Horizon Dairy | 1982 | Inactive | Chaves | Roswell | 120,000 | 29 | storage impoundment & land apply | Yes | land application field | 69 | 320 | 4320 | ND | MW-3 | 13-Jan-09 | data not provided |
| 316 | De Groot Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 15-26 | storage impoundment & land apply | Yes | land application field | 67 | 2600 | 8280 | ND | MW-3 | 12-Nov-09 | 17 |
| 952 | Rockhill Dairy | 1998 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | wastewater impoundment | 64 | 450 | 3160 | ND | MW-2 | 24-Aug-09 | 12 |
| 595 | Back Nine Dairy | before 1988 | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | stormwater impoundment | 63.7 | 340 | 1980 | 0.8 | MW-6 | 16-Apr-09 | data not provided |
| 259 | Rock View Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 63.2 | 890 | 1950 | 0.4 | MW-7R | 30-Sep-09 | 2.8 |
| 913 | Creekside Dairy | 1993 | Active | Eddy | Lake Arthur | 56,000 | 29-75 | storage impoundment & land apply | Yes | land application field | 62 | 200 | 3630 | ND | MW-3A | 20-Aug-09 | 13 |
| 1141 | Enchantment Dairy | | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | land application field | 62 | 630 | 3960 | ND | MW-4A | 14-Jul-09 | 3.6 |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | wastewater impoundment | 61 | 190 | 2950 | ND | MW-7 | 3-Nov-09 | 32 |
| 1025 | Landmark Dairy (Doldersum Dairy) | 1995 | Active | Lea | Lovington | 40,000 | 60 | storage impoundment & land apply | Yes | wastewater impoundment | 58.9 | 260 | 1580 | 1.7 | MW-1 | 30-Sep-09 | 4.1 |
| 208 | Oasis Dairy | 1982 | Inactive | Chaves | Roswell | 64,000 | 28 | storage impoundment & land apply | Yes | stormwater impoundment | 57.4 | 390 | 3495 | 9.4 | MW-3 | 25-Aug-09 | 11.2 |
| 177 | Gonzalez Dairy | 1981 | Active | Doña Ana | Mesquite | 49,000 | 14 | storage impoundment & land apply | Yes | land application field | 56 | 1300 | 4000 | ND | MW-2 | 7-Jul-09 | 38 |
| 764 | Arroyo Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | wastewater impoundment | 55 | 620 | 4060 | ND | MW-1A | 4-Nov-09 | N/A |
| 163 | Pirle Farms Dairy | 1984 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | wastewater impoundment | 51 | 680 | 3590 | ND | MW-4 | 14-Jul-09 | 29 |
| 624 | Dominguez Dairy | 1990 | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | land application field | 50.1 | 960 | 3280 | 0.4 | MW-7 | 15-Sep-09 | 2.3 |
| 257 | Sunset Dairy | 1983 | Active | Doña Ana | Vado | 45,000 | 21-26 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 880 | 3706 | ND | 257-1 | 31-Aug-09 | 10.7 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|------------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|-------------------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identify | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 180 | 1510 | ND | MW-4 | 23-Jul-09 | N/A |
| 963 | Red Roof Dairy | 1993 | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | land application field | 46.1 | 60 | 610 | 0.3 | MW-6 | 6-Feb-09 | 1.9 |
| 934 | South Slope Dairy | 1993 | Active | Curry | Clovis | 225,000 | 344 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45.6 | 345 | 1475 | 0.6 | MW-2 | 18-Jul-09 | N/A |
| 921 | Flecha Dairy | | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45 | 65 | 2860 | ND | MW-2A | 15-Sep-09 | 4.5 |
| 635 | Woodcrest Dairy | 1989 | Active | Chaves | Roswell | 100,000 | 8-15 | storage impoundment & land apply | Yes | land application field | 44 | 1900 | 7470 | ND | MW-4 | 23-Jul-09 | 13 |
| 707 | Vaz Dairy | 1991 | Active | Chaves | Roswell | 100,000 | 15-25 | storage impoundment & land apply | Yes | land application field | 44 | 5900 | 11900 | ND | MW-4 | 13-Oct-09 | 23 |
| 1195 | Elmira Dairy | 1998 | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | stormwater impoundment | 41.1 | 94.4 | 894 | 0.3 | MW-6 | 28-Sep-09 | 20.2 |
| 1236 | Greenfield Park Dairy | 2000 | Active | Roosevelt | Portales | 40,000 | 135 | storage impoundment & land apply | Yes | wastewater impoundment | 38 | 240 | 1150 | ND | MW-2 | 16-Jul-09 | data not provided |
| 1199 | Palla Dairy | 1998 | Active | Curry | Clovis | 160,000 | 410 | storage impoundment & land apply | Yes | wastewater impoundment | 37 | 89 | 842 | ND | MW-1 | 25-Sep-09 | 1.8 |
| 1181 | Rasband Dairy | pre-1996 | Active | Valencia | Belen | 1,064 | 35 | storage impoundment & land apply | Yes | wastewater impoundment | 36.55 | 52 | 653 | data not provided | MW-2 | 20-Aug-09 | 1.36 |
| 1287 | Lajolla Dairy | 2000 | Active | Roosevelt | Portales | 9,750 | 65 | storage impoundment & land apply | Yes | wastewater impoundment | 35.5 | 265 | 1845 | 1.2 | MW-2 | 27-Feb-09 | data not provided |
| 162 | Yorktown Dairy | ~1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 35 | 440 | 4000 | ND | MW-1 | 21-Apr-09 | not installed |
| 742 | Breedyk Dairy | 1991 | Active | Chaves | Dexter | 92,000 | 51 | storage impoundment & land apply | Yes | wastewater impoundment | 34 | 1200 | 4580 | ND | MW-2 | 7-Oct-09 | 11 |
| 299 | Blackwater Draw Dairy | before 1983 | Inactive | Roosevelt | Portales | 25,000 | 115 | storage impoundment & land apply | Yes | wastewater impoundment | 32.6 | 75 | 710 | ND | MW-1 | 14-Jan-09 | N/A |
| 738 | El Visto Dairy 2 | 1991 | Active | Chaves | Dexter | 55,000 | 97 | storage impoundment & land apply | Yes | wastewater impoundment | 32 | 100 | 2260 | ND | MW-4 | 14-Jul-09 | 31 |
| 706 | Raion Dairy | 1992 | Active | Curry | Clovis | 200,000 | 291 | storage impoundment & land apply | Yes | land application field | 31 | 240 | 912 | ND | MW-4 | 8-Oct-09 | 5.9 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 762 | High Lonesome Dairy | 1991 | Active | Lea | Hobbs | 60,000 | 99 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 30.6 | 265 | 1130 | 0.6 | MW-6HL | 21-Jul-09 | 2.1 |
| 190 | O'Hart Dairy | 1982 | Active | Socorro | Yeguita | 8,000 | 66 | evaporation impoundment only | Yes | wastewater impoundment | 30 | 49 | 770 | ND | MW | 6-Jul-09 | 0.32 |
| 86 | Buena Vista Dairy | 1979 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | wastewater impoundment | 29.8 | 1750 | 4670 | ND | 86-01 | 15-Dec-09 | 10.7 |
| 1245 | 4-Way Dairy | 2000 | Active | Roosevelt | Portales | 150,000 | 90 | storage impoundment & land apply | Yes | land application field | 29.7 | 30 | 480 | ND | MW-5 | 1-Jul-09 | 18.1 |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | land application field | 29 | 46 | 912 | ND | MW-3 | 7-Jul-09 | 16 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Socorro | Yeguita | 5,000 | 70 | evaporation impoundment only | Yes | stormwater impoundment | 26.1 | 17 | 748 | ND | MW-3 | 2-Nov-09 | 4.73 |
| 1003 | Three Amigos Dairy | 1994 | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | wastewater impoundment | 24 | 810 | 4630 | ND | MW-6 | 22-Sep-09 | 4.9 |
| 727 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | land application field | 23 | 140 | 2200 | ND | MW-3 | 15-Oct-09 | ND |
| 804 | Sunshine Dairy-Dexter | 1978 | Active | Chaves | Roswell | 24,000 | 30 | storage impoundment & land apply | Yes | wastewater impoundment | 23 | 430 | 3000 | ND | MW-2 | 2/22/07 | N/A |
| 1312 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | land application field | 22.3 | 115 | 745 | ND | MW-3 | 7-Feb-09 | data not provided |
| 904 | Wild West Farms | 1993 | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | 350 | 2340 | ND | MW-1 | 17-Sep-09 | 12 |
| 1208 | Tallmon Dairy | 1954 | Active | Doña Ana | Santa Teresa | 16,945 | 9 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | data not provided | 2659 | 1 | MW-6 | 29-Sep-09 | 0.2 |
| 70 | Mountain View Dairy | 1980 | Active | Doña Ana | Mesquite | 60,000 | 32-58 | storage impoundment & land apply | Yes | wastewater impoundment | 21.4 | 970 | 3148 | ND | 70-02 | 1-Sep-09 | 8.8 |
| 796 | Cornerstone Dairy | 1991 | Active | Eddy | Artesia | 90,000 | 46 | storage impoundment & land apply | Yes | land application field | 21 | 86 | 3700 | ND | MW-7 | 26-Jan-09 | N/A |
| 554 | Break-Away Dairy | 1988 | Active | Chaves | Roswell | 35,000 | 13 | storage impoundment & land apply | Yes | land application field | 20 | 2200 | 5920 | ND | MW-3 | 8-Oct-09 | 7.5 |
| 699 | Ruch Dairy | est. 1991 | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | land application field | 20 | 230 | 1090 | ND | MW-4 | 5-Oct-09 | 3.8 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most Shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------------|----------------------|----------|------------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1200 | Milky Way Dairy | 1999 | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | wastewater impoundment | 20 | 2000 | 6490 | ND | MW-1 | 9-Sep-09 | 14 |
| 667 | H and R Westra Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 45 | storage impoundment & land apply | Yes | land application field | 19.7 | 60 | 680 | 0.5 | MW-4 | 27-Jul-09 | 1.4 |
| 898 | Bonestroo Dairy LLC | 1993 | Active | Roosevelt | Portales | 48,000 | 60 | evaporation impoundment only | Yes | land application field | 19 | 29 | 539 | ND | MW-5 | 3-Sep-09 | 9.9 |
| 1299 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | wastewater impoundment | 19 | 32 | 598 | ND | MW-2 | 7-Sep-09 | 0.74 |
| 384 | Philmar Dairy | 1985 | Active | Roosevelt | Portales | 40,000 | 80-103 | storage impoundment & land apply | Yes | wastewater impoundment | 18.7 | 315 | 2180 | 0.3 | MW-2 | 26-Aug-09 | 9.2 |
| 797 | Chevenne Dairy 2 | 1992 | Active | Chaves | Roswell | 80,000 | 110-117 | storage impoundment & land apply | Yes | stormwater impoundment | 18 | 230 | 2230 | ND | MW-2 | 16-Sep-09 | 5.4 |
| 1246 | Hide-A-Way Dairy | 2000 | Active | Roosevelt | Clovis | 61,250 | 250 | storage impoundment & land apply | Yes | wastewater impoundment | 17.4 | 46 | 460 | ND | MW-2 | 20-Oct-09 | 3.38 |
| 537 | Van Dam Dairy | 1987 | Active | Roosevelt | Portales | 35,463 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 310 | 2350 | ND | MW-2 | 25-Sep-09 | 9.3 |
| 568 | Vanderploeg Dairy | 1988 | Active | Bernalillo | Albuquerque | 2,000 | 70 | evaporation impoundment only | Yes | wastewater impoundment | 17 | 63 | 724 | ND | MW-West | 7-Jul-09 | N/A |
| 987 | Mitchell Dairy | 1995 | Active | Roosevelt | Portales | 15,000 | 98-133 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 50 | 550 | ND | MW-2 | 3-Sep-09 | data not provided |
| 1157 | High Plains Dairy | 1997 | Inactive | Roosevelt | Portales | 60,000 | 108 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 17 | 40 | 830 | 0.2 | MW-2A | 31-Aug-09 | 3.2 |
| 1391 | Nutt Dairy | 2002 | Active | Luna | Deming | 20,000 | 65-135 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 130 | 1140 | ND | MW-1 | 8-Jul-09 | 3.2 |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 69 | 1040 | ND | MW-1AA | 19-Oct-09 | 2.6 |
| 932 | Midway Dairy | 1993 | Active | Curry | Portales | 42,074 | 195 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 20 | 416 | ND | MW-1 | 25-Aug-09 | 1.6 |
| 1131 | Par 5 Dairy and Select Milk | 1997 | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | stormwater impoundment | 16 | 400 | 3320 | ND | MW-3 | 14-Jul-09 | 4 |
| 1250 | Sky County Farms | 2005 | Active | Roosevelt | Portales | 90,000 | 128 | storage impoundment & land apply | Yes | land application field | 16 | 72 | 728 | ND | MW-3 | 7-Sep-09 | 11 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (CFD) | Max. shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|----------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1135 | Bos Dairy | btw 1997 and 2000 | Active | Lea | Livingston | 120,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 15.6 | 110 | 735 | 1 | MW-2 | 7-Jul-09 | 8 |
| 1004 | Willard Dairy | 1998 | Active | Torrance | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | wastewater impoundment | 15.3 | 300 | 1435 | 1 | MW-1B | 17-Jul-09 | 2.5 |
| 717 | Epicenter Dairy | 1993 | Inactive | Chaves | Hagerman | 48,000 | 145 | storage impoundment & land apply | Yes | land application field | 15 | 530 | 2700 | ND | MW-3A | 10-Mar-09 | 4.7 |
| 737 | Parkland Dairy | 1992 | Active | Roosevelt | Portales | 15,000 | 80 | storage impoundment & land apply | Yes | land application field | 14.9 | 365 | 2305 | 0.5 | MW-1 | 29-Jun-09 | 7.1 |
| 1350 | Loma Parda Dairy | 2003 | Active | Doña Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | land application field | 14.79 | 186.3 | 25.94 | 1.3 | MW-3 | 18-Jan-08 | N/A |
| 734 | Cottonwood Springs Dairy I | 1991 | Active | Eddy | Lake Arthur | 84,000 | 25 | storage impoundment & land apply | Yes | land application field | 14 | 68 | 2500 | ND | MW-4 | 13-Jul-09 | N/A |
| 1176 | Jarratt Dairy | 1995 | Active | Valencia | Los Lunas | 2,500 | 5 | storage impoundment & land apply | Yes | wastewater impoundment | 14 | 30 | 770 | 1.7 | MW-2 | 6-Mar-07 | 10.8 |
| 430 | Double Aught Dairy | 1987 | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | wastewater impoundment | 13.8 | 210 | 2015 | 1.5 | MW-2 | 25-Aug-09 | 4.3 |
| 666 | Western Star Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | wastewater impoundment | 12.9 | 170 | 1500 | 0.2 | MW-5 | 26-Aug-09 | not installed |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24,000 | 15-29 | storage impoundment & land apply | Yes | stormwater impoundment | 12.8 | 840 | 2746 | ND | 126-13 | 2-Sep-09 | 10.9 |
| 753 | Brouwer Dairy | 1991 | Active | Roosevelt | Portales | 24,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 12.4 | 190 | 950 | ND | MW-2 | 20-Mar-08 | 3.8 |
| 909 | Tee Vee Dairy | 1993 | Active | Lea | Hobbs | 48,000 | 76 | storage impoundment & land apply | Yes | wastewater impoundment | 11.8 | 95 | 800 | 0.3 | MW-4 | 24-Oct-08 | 2.4 |
| 1377 | Grande Vida Dairy | 2006 | Active | Roosevelt | Portales | 49,500 | 191 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 11.5 | 20 | 375 | 0.2 | MW-2 | 26-Feb-09 | 7.7 |
| 826 | Anderson Dairy 2 | 1992 | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | wastewater impoundment | 11 | 130 | 1100 | 6 | MW-4 | 14-May-09 | 10 |
| 1067 | Stepping Stone Dairy | 1996 | Inactive | Roosevelt | Portales | 7,000 | 75 | evaporation impoundment only | Yes | land application field | 10.3 | 490 | 3225 | 0.6 | MW-1 | 28-Jul-09 | not installed |
| 514 | Amistad Dairy | 1988 | Active | Roosevelt | Portales | 6,000 | 90 | evaporation impoundment only | Yes | land application field | 10.1 | 250 | 1170 | 0.8 | MW-2 | 23-Sep-09 | 7.1 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identify | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 390 | Bright Horizon Dairy | 1986 | Active | Roosevelt | Causey | 6,000 | 150 | direct land apply | no MWs | | | | | | | | |
| 674 | SAS Dairy | 1992 | Active | Curry | Clovis | 24,000 | 190 | storage impoundment & land apply | no MWs | | | | | | | | |
| 888 | Woods Dairy | 1992 | Inactive | Lea | Lovington | 5,000 | 65 | direct land apply | no MWs | | | | | | | | |
| 1091 | Native Pastures Dairy | 1996 | Active | Curry | Clovis | 2,000 | 230 | direct land apply | no MWs | | | | | | | | |
| 1323 | Brand West Dairy 2 | 2007 | Active | Lea | Lovington | 99,900 | 65-75 | storage impoundment & land apply | no MWs | | | | | | | | |
| 1379 | Cross Country Dairy | 2005 | Active | Curry | Clovis | 75,000 | 390 | storage impoundment & land apply | no MWs | | | | | | | | |
| 1578 | Hide-A-Way Dairy 2 | 2008 | Active | Curry | Clovis | 61,250 | 250 | storage impoundment & land apply | no MWs | | | | | | | | |
| 1084 | Edcal Dairy | 1995 | Active | Valencia | Los Lunas | 35,000 | 6 | storage impoundment & land apply | No | wastewater impoundment | ND | 155 | 1195 | 1.5 | MW-3 | 5-Oct-09 | N/A |
| 1061 | Vergeer Dairy | 1995 | Inactive | Valencia | Los Lunas | 2,600 | 5 | evaporation impoundment only | No | wastewater impoundment | ND | 74.4 | 858 | 0.6 | MW-West | 1-Apr-09 | 4.76 |
| 1294 | R & R Ranch Dairy | 2001 | Active | Socorro | Veguita | 160,000 | 75 | evaporation impoundment only | No | wastewater impoundment | ND | 10 | 202 | ND | MW-2 | 19-Oct-09 | ND |
| 167 | River Valley Dairy | ~1981 | Active | Doña Ana | Mesquite | 35,000 | 11 | storage impoundment & land apply | No | wastewater impoundment | 13.7 | 980 | 3505 | 0.7 | MW-1A | 2-Jun-09 | 31.5 |
| 911 | Chalk Hill Dairy | before 1992 | Inactive | Roosevelt | Portales | 1,250 | 90 | direct land apply | No | land application field | 9.8 | 215 | 1125 | ND | MW-2 | 9-May-08 | 8.2 |
| 1559 | Rocky Top Dairy | 2006 | Active | Lea | Lovington | 60,000 | 77 | storage impoundment & land apply | No | stormwater impoundment | 9.7 | 90 | 665 | 0.6 | MW-1 | 8-Jul-09 | N/A |
| 646 | Rio Vista Dairy | 1989 | Inactive | Chaves | Roswell | 60,000 | 20-30 | storage impoundment & land apply | No | land application field | 9.4 | 580 | 3300 | ND | MW-3 | 29-Jan-09 | 2.8 |
| 851 | Highland Dairy | 1994 | Active | Curry | Clovis | 67,500 | 250 | storage impoundment & land apply | No | land application field | 8.5 | 85 | 640 | 0.5 | MW-2 | 6-Feb-09 | N/A |
| 1203 | Beaty Dairy | mid 1940's | Active | Chaves | Artesia | 14,000 | 41 | storage impoundment & land apply | No | wastewater impoundment | 8.4 | 50 | 1050 | 0.2 | MW-4 | 27-Dec-07 | 4.9 |
| 1277 | El Dorado Dairy | 2000 | Active | Curry | Clovis | 95,000 | 317 | storage impoundment & land apply | No | wastewater impoundment | 8.4 | 90 | 650 | 0.4 | MW-2 | 12-May-09 | data not provided |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 533 | Dandee Dairy | 1988 | Active | Chaves | Dexter | 27,000 | 24.90 | storage impoundment & land apply | No | stormwater impoundment | 8.2 | 240 | 3005 | 1.5 | MW-2 | 28-Sep-09 | data not provided |
| 1423 | Sandcrest Dairy | 2006 | Active | Curry | Portales | 65,000 | 108 | storage impoundment & land apply | No | combination ww/sw impoundment | 8.2 | 30 | 405 | 0.3 | MW-2 | 2-Jul-09 | 0.18 |
| 1154 | Salbridge Dairy | 1997 | Active | Roosevelt | Portales | 30,000 | 72 | storage impoundment & land apply | No | wastewater impoundment | 7.4 | 950 | 5645 | 1.5 | MW-2 | 20-Aug-09 | 0.78 |
| 1455 | Route 77 Dairy | 2007 | Active | Curry | Clovis | 90,000 | 314 | storage impoundment & land apply | No | land application field | 7.4 | 30 | 405 | 0.6 | MW-3 | 20-Aug-09 | 11.6 |
| 880 | W Diamond Dairy | 1992 | Active | Roosevelt | Portales | 49,999 | 75 | evaporation impoundment only | No | stormwater impoundment | 7.3 | 140 | 1650 | ND | MW-7 | 17-Oct-09 | 5.1 |
| 1531 | Arch Diamond | 2007 | Active | Roosevelt | Portales | 65,000 | 75 | storage impoundment & land apply | No | land application field | 6.6 | 40 | 480 | 0.5 | MW-3 | 24-Sep-09 | 5 |
| 1332 | Opportunity Dairy | 2004 | Active | Roosevelt | Clovis | 65,000 | 271 | storage impoundment & land apply | No | land application field | 6.4 | 40 | 715 | 0.2 | MW-3 | 14-Jul-09 | 3.9 |
| 772 | Oihart Dairy 2 | 1991 | Active | Socorro | Veguita | 7,500 | 70 | evaporation impoundment only | No | wastewater impoundment | 6.2 | 18 | 410 | ND | MW-N | 6-Jul-09 | N/A |
| 1413 | Stark Dairy | 2003 | Active | Curry | Clovis | 109,250 | 400 | storage impoundment & land apply | No | land application field | 6.15 | 5.6 | 279 | ND | MW-3 | 17-Nov-09 | 1.91 |
| 878 | Rajen Dairy II | 1993 | Active | Curry | Clovis | 72,000 | 310 | storage impoundment & land apply | No | land application field | 5.9 | 73 | 376 | ND | MW-2 | 29-Sep-09 | NA |
| 926 | Carter's Milk Factory | 1992 | Inactive | Roosevelt | Portales | 64,000 | 110 | storage impoundment & land apply | No | land application field | 5.7 | 185 | 880 | 0.2 | MW-4 | 24-Jun-09 | 3.4 |
| 1346 | Ridgecrest Dairy | 2002 | Active | Curry | Texico | 87,500 | 375 | storage impoundment & land apply | No | combination ww/sw impoundment | 5.7 | 120 | 45 | ND | MW-2 | 30-Jul-09 | data not provided |
| 1288 | Sunwest Dairy | 2001 | Active | Curry | Clovis | 60,000 | 300 | storage impoundment & land apply | No | stormwater impoundment | 5.6 | 230 | 1020 | ND | MW-2 | 12-Aug-09 | 8.8 |
| 923 | Faria Dairy | in or before 1984 | Inactive | Lea | Livingston | 49,900 | 77 | storage impoundment & land apply | No | wastewater impoundment | 5.5 | 160 | 630 | 0.3 | MW-3 | 29-Sep-09 | 0.28 |
| 1136 | Heritage Dairy | 1997 | Active | Curry | Clovis | 100,000 | 230 | storage impoundment & land apply | No | wastewater impoundment | 5.3 | 95 | 520 | 0.2 | MW-2 | 1-Sep-09 | 13.6 |
| 1315 | J Lu Dairy | 2002 | Active | Roosevelt | Portales | 85,000 | 118 | storage impoundment & land apply | No | land application field | 5.3 | 35 | 565 | 0.3 | MW-4 | 31-Aug-09 | 13.4 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|--------------------------|----------------------|----------|------------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 461 | Beestra Family Dairy | Prior 1984 | Active | Lea | Hobbs | 40,000 | 65 | storage impoundment & land apply | No | wastewater impoundment | 5.04 | 64 | 595 | 9.2 | MW-W | 13-Aug-09 | N/A |
| 1553 | Arrowhead Dairy | 2007 | Active | Curry | Clovis | 70,000 | 205-220 | storage impoundment & land apply | No | land application field | 4.9 | 110 | 600 | 1 | MW-4 | 28-Jul-09 | 2.2 |
| 1026 | Mid Frisian Dairy | 2000 | Active | Curry | Clovis | 40,000 | 335 | storage impoundment & land apply | No | stormwater impoundment | 4.5 | 65 | 410 | ND | MW-2 | 14-Jan-09 | 4.4 |
| 689 | P-2 Dairy | 1990 | Active | Chaves | Dexter | 90,000 | 35-75 | storage impoundment & land apply | No | land application field | 4.2 | 820 | 3505 | ND | MW-3 | 28-Sep-09 | 0.54 |
| 1517 | Sunridge Dairy | 2008 | Active | Roosevelt | Portales | 75,000 | 360 | storage impoundment & land apply | No | land application field | 4.1 | 20 | 385 | ND | MW-3 | 5-Mar-09 | 33 |
| 1477 | HAW Farms | 2005 | Active | Socorro | Becker | 7,000 | 360 | evaporation impoundment only | No | combination ww/sw impoundment | 3.8 | 14 | 720 | 0.4 | MW-2 | 31-Mar-09 | 1.2 |
| 1197 | Rajen Dairy III | 2000 | Active | Curry | Clovis | 160,000 | 260 | storage impoundment & land apply | No | land application field | 3.6 | 11 | 424 | ND | MW-4 | 29-Sep-09 | data not provided |
| 1194 | Handley Dairy | early 1970's | Active | Socorro | Veguita | 6,150 | 12 | storage impoundment & land apply | No | wastewater impoundment | 3.4 | 25 | 430 | ND | Lagoon MW | 21-Jul-08 | 2.4 |
| 1257 | Mariposa Farms Dairy | 1999 | Inactive | Roosevelt | Causey | 30,000 | 110 | direct land apply | No | land application field | 3.4 | 145 | 840 | ND | MW-1 | 8-Jan-09 | not installed |
| 1320 | Clover Knolls | 2003 | Active | Roosevelt | Texico | 124,000 | 160 | storage impoundment & land apply | No | combination ww/sw impoundment | 3.3 | 7.5 | 287 | ND | MW-1 | 5-Nov-09 | N/A |
| 1475 | Dutch Valley Farms | 2006 | Active | Curry | Clovis | 99,000 | 428 | storage impoundment & land apply | No | wastewater impoundment | 3.3 | 35 | 340 | ND | MW-2 | 30-Jul-09 | 3.3 |
| 988 | Boyd Brothers Inc. Dairy | 1996 | Active | Lea | Lovington | 3,000 | 93 | direct land apply | No | sump | 3.2 | 37 | 450 | 0.3 | MW-Test | 20-Apr-09 | N/A |
| 956 | Day Star Dairy | 1994 | Active | Curry | Clovis | 74,000 | 280 | storage impoundment & land apply | No | land application field | 2.8 | 70 | 505 | ND | MW-3 | 28-Jul-09 | 2 |
| 546 | Caballo Dairy Inc | 1931 | Active | Sierra | Arrey | 72,000 | 10 | storage impoundment & land apply | No | wastewater impoundment | 2.6 | 92 | 790 | 2.9 | MW-1 | 22-Oct-09 | data not provided |
| 1163 | North Point Dairy | 1999 | Active | Curry | Clovis | 180,000 | 380 | storage impoundment & land apply | No | wastewater impoundment | 2.6 | 15 | 290 | ND | MW-3 | 2-Sep-09 | 1.5 |
| 1233 | Mickey's Dairy | 1997 | Active | Bernalillo | Albuquerque | 3,000 | 12 | evaporation impoundment only | No | wastewater impoundment | 2.6 | 100 | 1335 | 0.8 | MW-2 | 1-Apr-09 | 5.3 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Max shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|------------------------------------|----------------------|----------|-----------|--------------|--|--|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 951 | Brand West Dairy | 1995 | Inactive | Lea | Lovington | 99,990 | 82 | storage impoundment & land apply | No | land application field | 2.4 | 35 | 410 | 0.4 | MW-3 | 10-Nov-09 | N/A |
| 1168 | Goff Dairy | 1998 | Active | Lea | Lovington | 160,000 | 60 | storage impoundment & land apply | No | wastewater impoundment | 2.4 | 25 | 390 | ND | MW-2A | 3-Aug-09 | 6 |
| 342 | Las Uvas Valley Dairy #s 1-2-3-4-5 | 1980 | Active | Dona Ana | Hatch | 103,000 | 60 | storage impoundment & land apply | No | wastewater impoundment | 2.37 | 45.8 | 357 | 0.34 | MW-6 | 18-Jul-09 | N/A |
| 1111 | Do-Rene Dairy 2 | 1997 | Active | Curry | Clovis | 120,000 | 315 | storage impoundment & land apply | No | combination ww/sw impoundment | 2.3 | 42 | 487 | ND | MW-2 | 5-Nov-09 | 6.6 |
| 1268 | Dixieland | 2001 | Inactive | Lea | Lovington | 45,000 | 70 | storage impoundment & land apply | No | wastewater impoundment | 2.3 | 70 | 740 | ND | MW-2 | 11-Sep-08 | 1.5 |
| 346 | Abarea Dairy | 1984 | Inactive | Roosevelt | Portales | 2,500 | 70 | storage impoundment & land apply | No | wastewater impoundment | 2.2 | 110 | 710 | ND | MW-1 | 28-Mar-07 | 8.7 |
| 1032 | Bosque Dairy | 1998 | Active | Socorro | Bosque | 3,000 | 48 | evaporation impoundment only | No | wastewater impoundment | 2.2 | 51 | 720 | ND | MW-3 | 7-Jul-09 | N/A |
| 1321 | Providence Dairy | 2001 | Active | Curry | Texico | 105,000 | 300 | storage impoundment & land apply | No | combination ww/sw impoundment | 2.1 | 30 | 295 | ND | MW-2 | 16-Apr-09 | 2.6 |
| 115 | Jones Dairy, Inc. | 1979 | Active | Valencia | Veguita | 18,000 | 116 | evaporation impoundment only | No | combination ww/sw impoundment | 2 | 10 | 260 | ND | MW-B | 20-Oct-09 | 1.3 |
| 195 | Heraa Dairy | 1982 | Inactive | Socorro | Veguita | 3,000 | 32 | evaporation impoundment only | No | wastewater impoundment | 1.9 | 1700 | 4000 | 69 | MW-1 | 26-May-09 | N/A |
| 1439 | Secondwind Dairy | 2004 | Active | Chaves | Hagerman | 15,000 | 167 | storage impoundment & land apply | No | wastewater impoundment | 1.9 | 15 | 623 | ND | MW-1 | 19-Oct-09 | N/A |
| 1001 | James Idsinga & Son Dairy | 1995 | Active | Curry | Portales | 32,000 | 225 | storage impoundment & land apply | No | wastewater impoundment | 1.7 | 10 | 290 | ND | MW-3 | 14-Jul-09 | 2.1 |
| 1022 | Southern Draw Dairy | 1983 or earlier | Active | Curry | Clovis | 45,000 | 375 | storage impoundment & land apply | No | land application field | 1.54 | 14.8 | 256 | ND | south well | 20-Oct-09 | 2.33 |
| 885 | Jersey Gold Dairy | 1986 | Inactive | Valencia | Belen | 2,000 | 40 | evaporation impoundment only | No | wastewater impoundment | 1.47 | 23.5 | 324 | 1.85 | East Well | 10-Oct-07 | 0.29 |
| 1251 | Crosswinds Dairy | 1999 | Active | Roosevelt | Portales | 50,000 | 160 | storage impoundment & land apply | No | wastewater impoundment | 1.3 | 17 | 355 | 0.4 | MW-2 | 24-Sep-09 | data not provided |
| 967 | Las Uvas Valley Dairy #6 | 1993 | Active | Dona Ana | Hatch | 44,000 | 170 | storage impoundment & land apply | No | wastewater impoundment | 1.05 | 109.7 | 1068 | ND | MW-3 | 18-Jul-09 | N/A |

Recent Quarterly Ground Water Data (as of December 2009)

Table 1: Nitrate-nitrogen contamination in ground water at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|--------|----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|-------------------|------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) ID/Name | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1302 | Bos Dairy - North | 2001 | Active | Lea | Lovington | 65,000 | 70 | storage impoundment & land apply | No | wastewater impoundment | 1 | 30 | 375 | 0.4 | MW-2 | 14-Feb-09 | data not provided |
| 1265 | Turner Dairy | 1999 | Active | Doña Ana | Hatch | 15,000 | 250 | evaporation impoundment only | No | wastewater impoundment | 0.94 | 15.8 | 476 | 0.8 | MW-1 | 10-Apr-08 | ND |
| 380 | Barrera Dairy I | 1986 | Active | Sierra | Arroyo | 25,650 | 60 | evaporation impoundment only | No | wastewater impoundment | 0.7 | 24 | 317 | 1 | B1 MW-2 | 30-Mar-04 | 0.8 |
| 563 | A&M Dairy | 1988 | Active | Socorro | Veguita | 4,200 | 65 | evaporation impoundment only | No | wastewater impoundment | 0.61 | 15 | data not provided | ND | MW-2 | 21-Sep-09 | 0.81 |
| 865 | Parco Dairy | prior to 1984 | Active | Socorro | Veguita | 11,000 | 30 | evaporation impoundment only | No | wastewater impoundment | 0.5 | 24 | 498 | ND | MW-4 | 20-Oct-09 | 0.65 |
| 633 | Greenfield Dairy | 1989 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | MW(s)-unable to sample | wastewater impoundment | data not provided | data not provided | data not provided | data not provided | MW-2 | | not installed |
| 703 | Desperado Dairy | 1990 | Active | Curry | Clovis | 48,000 | 350 | storage impoundment & land apply | MW(s)-unable to sample | wastewater impoundment | data not provided | data not provided | data not provided | data not provided | MW-1 | | data not provided |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DE#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------------------|----------------------|----------|------------|--------------|--|---|---|---|------------------------|---|---|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl ⁻ mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 585 | McCatharn Dairy | 1950's | Active | Bernalillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | wastewater impoundment | 160 | 300 | 2450 | ND | MW-3 | 15-Sep-09 | 12 |
| 893 | Los Lunas Correctional Center Dairy | pre 1992 | Inactive | Valencia | Los Lunas | 6,300 | 36 | storage impoundment & land apply | Yes | wastewater impoundment | 110 | 165 | 1800 | 2.49 | MW-3 | 23-Jul-02 | 74 |
| 692 | Del Oro Dairy | 1990 | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | wastewater impoundment | 107 | 1060 | 4897 | 3 | DO-1 | 8-Dec-09 | 2.5 |
| 340 | Bright Star Dairy | 1987 | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | wastewater impoundment | 94 | 890 | 3072 | ND | 340-2 | 1-Sep-09 | 12.2 |
| 677 | Cheyenne Dairy I and III | 1991 | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | wastewater impoundment | 91 | 310 | 2730 | ND | MW-6 | 16-Sep-09 | 7.9 |
| 74 | Buena Vista 2 | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | wastewater impoundment | 84 | 750 | 2480 | 0.14 | 74-1 | 14-Dec-09 | 14.1 |
| 607 | Quiso Grande Dairy | 1981 | Active | Chaves | Roswell | 110,000 | 40 | storage impoundment & land apply | Yes | wastewater impoundment | 73.6 | 300 | 4410 | 0.9 | MW-4 | 23-Sep-09 | data not provided |
| 606 | Dexter Dairy | 1989 | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | wastewater impoundment | 72 | 240 | 3440 | ND | MW-4 | 19-Aug-09 | 11 |
| 952 | Rockhill Dairy | 1998 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | wastewater impoundment | 64 | 450 | 3160 | ND | MW-2 | 24-Aug-09 | 12 |
| 259 | RockView Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 63.2 | 890 | 1950 | 0.4 | MW-7R | 30-Sep-09 | 2.8 |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | wastewater impoundment | 61 | 190 | 2950 | ND | MW-7 | 3-Nov-09 | 32 |
| 769 | Rocky View Dairy | 1981 | Active | Lea | Hobbs | 27,300 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 60.6 | 290 | 1495 | 0.8 | MW-6R | 30-Sep-09 | 2.8 |
| 881 | Top Line Dairy | 1981 | Active | Lea | Arroyo | 550,000 | 18 | storage impoundment & land apply | Yes | wastewater impoundment | 60 | 350 | 4230 | ND | MW-8 | 13-Jul-09 | 39 |
| 1025 | Landmark Dairy (Doldersum Dairy) | 1995 | Active | Lea | Lovington | 40,000 | 60 | storage impoundment & land apply | Yes | wastewater impoundment | 58.9 | 260 | 1580 | 1.7 | MW-1 | 30-Sep-09 | 4.1 |
| 764 | Arroyo Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | wastewater impoundment | 55 | 620 | 4060 | ND | MW-1A | 4-Nov-09 | N/A |
| 163 | Pirtle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | wastewater impoundment | 51 | 680 | 3590 | ND | MW-4 | 14-Jul-09 | 29 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|------------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|-------------------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 257 | Sunset Dairy | 1983 | Active | Doña Ana | Vado | 45,000 | 21-26 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 880 | 3706 | ND | 257-1 | 31-Aug-09 | 10.7 |
| 52 | San Juan Dairy | 1976 | Active | Bernalillo | Albuquerque | 1,700 | 25 | evaporation impoundment only | Yes | wastewater impoundment | 49 | 140 | 1380 | ND | MW-1 | 15-Sep-09 | 12 |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 180 | 1510 | ND | MW-4 | 23-Jul-09 | N/A |
| 487 | Baca Linda Dairy | 1987 | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | wastewater impoundment | 44.4 | 480 | 4630 | 1.1 | MW-1A | 25-Aug-09 | 6.7 |
| 701 | El Vado Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 12 | storage impoundment & land apply | Yes | wastewater impoundment | 41 | 160 | 2770 | ND | MW-3 | 12-Oct-09 | N/A |
| 1286 | Greenfield Park Dairy | 2000 | Active | Roosevelt | Portales | 40,000 | 145 | storage impoundment & land apply | Yes | wastewater impoundment | 38 | 240 | 1150 | ND | MW-2 | 16-Jul-09 | data not provided |
| 1199 | Falla Dairy | 1998 | Active | Curry | Clovis | 160,000 | 410 | storage impoundment & land apply | Yes | wastewater impoundment | 37 | 89 | 842 | ND | MW-1 | 25-Sep-09 | 1.8 |
| 1181 | Rasband Dairy | pre-1996 | Active | Valencia | Belen | 1,064 | 35 | storage impoundment & land apply | Yes | wastewater impoundment | 36.55 | 52 | 653 | data not provided | MW-2 | 20-Aug-09 | 1.36 |
| 1287 | Lajolla Dairy | 2000 | Active | Roosevelt | Portales | 9,750 | 65 | storage impoundment & land apply | Yes | wastewater impoundment | 35.5 | 265 | 1845 | 1.2 | MW-2 | 27-Feb-09 | data not provided |
| 742 | Breedyk Dairy | 1991 | Active | Chaves | Dexter | 92,000 | 51 | storage impoundment & land apply | Yes | wastewater impoundment | 34 | 1200 | 4580 | ND | MW-2 | 7-Oct-09 | 11 |
| 299 | Blackwater Draw Dairy | before 1983 | Inactive | Roosevelt | Portales | 25,000 | 115 | storage impoundment & land apply | Yes | wastewater impoundment | 32.6 | 75 | 710 | ND | MW-1 | 14-Jan-09 | N/A |
| 738 | El Visto Dairy 2 | 1991 | Active | Chaves | Dexter | 55,000 | 97 | storage impoundment & land apply | Yes | wastewater impoundment | 32 | 100 | 2260 | ND | MW-4 | 14-Jul-09 | 31 |
| 163 | Little Farms Dairy | 1982 | Active | Chaves | Roswell | 35,000 | 15 | storage impoundment & land apply | Yes | wastewater impoundment | 30 | 110 | 1940 | ND | MW-1 | 14-Jul-09 | 29 |
| 190 | Ohart Dairy | 1982 | Active | Socorro | Veguita | 8,000 | 66 | evaporation impoundment only | Yes | wastewater impoundment | 30 | 49 | 770 | ND | MW | 6-Jul-09 | 0.32 |
| 86 | Buena Vista Dairy | 1979 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | wastewater impoundment | 29.8 | 1750 | 4670 | ND | 86-01 | 15-Dec-09 | 10.7 |
| 76 | ISM Dairy | 1979 | Inactive | El Paso | Artesia | 99,000 | 37 | storage impoundment & land apply | Yes | wastewater impoundment | 28 | 150 | 2400 | ND | MW-2 | 29-Jun-06 | 14 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|------------------------|----------------------|--------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 624 | Hornbaker Dairy | | Active | Doña Ana | Misquita | 85,000 | 0 | storage impoundment & land apply | Yes | wastewater impoundment | 27.8 | 1150 | 3425 | 0.7 | MW-6 | 15-Sep-09 | 2.3 |
| 119 | Elmora Dairy | | Active | Hernando | Albuquerque | 11,500 | 10-126 | evaporation impoundment only | Yes | wastewater impoundment | 27.1 | 89.7 | 892 | 0.4 | MW-2 | 28-Sep-09 | 20.2 |
| 170 | Sun Valley Dairy LLC | 1981 | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | wastewater impoundment | 26.5 | 700 | 2685 | 0.4 | MW-1 | 4-Jun-09 | 4.2 |
| 1141 | Three Angels Dairy | | Active | Chaves | Dexter | 120,000 | 3 | storage impoundment & land apply | Yes | wastewater impoundment | 24 | 810 | 4630 | ND | MW-6 | 22-Sep-09 | 4.9 |
| 804 | Sunshine Dairy-Dexter | 1978 | Active | Chaves | Roswell | 24,000 | 30 | storage impoundment & land apply | Yes | wastewater impoundment | 23 | 430 | 3000 | ND | MW-2 | 2/22/07 | N/A |
| 904 | Wild West Farms | | Active | Chaves | Roswell | 125,000 | 3 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | 350 | 2340 | ND | MW-1 | 17-Sep-09 | 12 |
| 1208 | Tallmon Dairy | 1954 | Active | Doña Ana | Santa Teresa | 16,945 | 9 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | data not provided | 2659 | 1 | MW-6 | 29-Sep-09 | 0.2 |
| 70 | Mountain View Dairy | 1980 | Active | Doña Ana | Mesquite | 60,000 | 32-58 | storage impoundment & land apply | Yes | wastewater impoundment | 21.4 | 970 | 3148 | ND | 70-02 | 1-Sep-09 | 8.8 |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 21 | 35 | 759 | ND | MW-2 | 7-Jul-09 | 16 |
| 1200 | Milky Way Dairy | 1999 | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | wastewater impoundment | 20 | 2000 | 6490 | ND | MW-1 | 9-Sep-09 | 14 |
| 595 | Back Nine Dairy | before 1988 | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | wastewater impoundment | 19.2 | 230 | 1370 | ND | MW-5A | 16-Apr-09 | data not provided |
| 790 | Los Hornos Dairy LLC | | Active | Socorro | Yeoma | 6,000 | 70 | evaporation impoundment only | Yes | wastewater impoundment | 19 | 23 | 517 | ND | MW-1 | 2-Nov-09 | 4.73 |
| 1299 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | wastewater impoundment | 19 | 32 | 598 | ND | MW-2 | 7-Sep-09 | 0.74 |
| 384 | Philmar Dairy | 1985 | Active | Roosevelt | Portales | 40,000 | 80-103 | storage impoundment & land apply | Yes | wastewater impoundment | 18.7 | 315 | 2180 | 0.3 | MW-2 | 26-Aug-09 | 9.2 |
| 1246 | Hide-A-Way Dairy | 2000 | Active | Roosevelt | Clovis | 61,250 | 250 | storage impoundment & land apply | Yes | wastewater impoundment | 17.4 | 46 | 460 | ND | MW-2 | 20-Oct-09 | 3.38 |
| 537 | Van Dam Dairy | 1987 | Active | Roosevelt | Portales | 35,463 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 310 | 2350 | ND | MW-2 | 25-Sep-09 | 9.3 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DR#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------------|----------------------|----------|------------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 568 | Vanderploeg Dairy | 1988 | Active | Bernalillo | Albuquerque | 2,000 | 70 | evaporation impoundment only | Yes | wastewater impoundment | 17 | 63 | 724 | ND | MW-West | 7-Jul-09 | N/A |
| 987 | Mitchell Dairy | 1995 | Active | Roosevelt | Portales | 15,000 | 98-133 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 50 | 550 | ND | MW-2 | 3-Sep-09 | data not provided |
| 1391 | Nutt Dairy | 2002 | Active | Luna | Deming | 20,000 | 65-135 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 130 | 1140 | ND | MW-1 | 8-Jul-09 | 3.2 |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 69 | 1040 | ND | MW-1AA | 19-Oct-09 | 2.6 |
| 932 | Midway Dairy | 1993 | Active | Curry | Portales | 42,074 | 195 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 20 | 416 | ND | MW-1 | 25-Aug-09 | 1.6 |
| 1135 | Bos Dairy | btw 1997 and 2000 | Active | Lea | Lovington | 120,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 15.6 | 110 | 735 | 1 | MW-2 | 7-Jul-09 | 8 |
| 1004 | Willard Dairy | 1998 | Active | Torrance | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | wastewater impoundment | 15.3 | 300 | 1435 | 1 | MW-1B | 17-Jul-09 | 2.5 |
| 1003 | Three Amigos Dairy | 1994 | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | wastewater impoundment | 15 | 330 | 2820 | ND | MW-1 | 22-Sep-09 | 4.9 |
| 928 | Bonanza Dairy LLC | | Active | Roosevelt | Portales | 83,000 | 60 | evaporation impoundment only | Yes | wastewater impoundment | 14 | 25 | 500 | ND | MW-6 | 3-Sep-09 | 9.9 |
| 1176 | Jarratt Dairy | 1995 | Active | Valencia | Los Lunas | 2,500 | 5 | storage impoundment & land apply | Yes | wastewater impoundment | 14 | 30 | 770 | 1.7 | MW-2 | 6-Mar-07 | 10.8 |
| 480 | Double Aught Dairy | 1987 | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | wastewater impoundment | 13.8 | 210 | 2015 | 1.5 | MW-2 | 25-Aug-09 | 4.3 |
| 1312 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | wastewater impoundment | 13.4 | 50 | 545 | ND | MW-2 | 7-Feb-09 | data not provided |
| 666 | Western Star Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | wastewater impoundment | 12.9 | 170 | 1500 | 0.2 | MW-5 | 26-Aug-09 | not installed |
| 753 | Brouwer Dairy | 1991 | Active | Roosevelt | Portales | 24,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 12.4 | 190 | 950 | ND | MW-2 | 20-Mar-08 | 3.8 |
| 699 | Each Dairy | | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | wastewater impoundment | 12 | 230 | 1140 | ND | MW-1 | 5-Oct-09 | 3.8 |
| 1131 | Par 5 Dairy and Select Milk | 1997 | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | wastewater impoundment | 12 | 310 | 3320 | ND | MW-2 | 14-Jul-09 | 4 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 909 | Tee Vee Dairy | 1993 | Active | Lea | Hobbs | 48,000 | 76 | storage impoundment & land apply | Yes | wastewater impoundment | 11.8 | 95 | 800 | 0.3 | MW-4 | 24-Oct-08 | 2.4 |
| 826 | Anderson Dairy 2 | 1992 | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | wastewater impoundment | 11 | 130 | 1100 | 6 | MW-4 | 14-May-09 | 10 |
| 1350 | Loma Parda Dairy | 2003 | Active | Dona Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | wastewater impoundment | 10.94 | 107.2 | 11.16 | 0.5 | MW-1 | 18-Jan-08 | N/A |
| 934 | South Slope Dairy | 1993 | Active | Curry | Clovis | 225,000 | 344 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45.6 | 345 | 1475 | 0.6 | MW-2 | 18-Jul-09 | N/A |
| 921 | Elcaba Dairy | 1993 | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45 | 65 | 2860 | ND | MW-2A | 15-Sep-09 | 4.5 |
| 162 | Yorktown Dairy | 1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 35 | 440 | 4000 | ND | MW-1 | 21-Apr-09 | not installed |
| 762 | High Lonesome Dairy | 1991 | Active | Lea | Hobbs | 60,000 | 99 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 30.6 | 265 | 1130 | 0.6 | MW-6HL | 21-Jul-09 | 2.1 |
| 1157 | High Plains Dairy | 1997 | Inactive | Roosevelt | Portales | 60,000 | 108 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 17 | 40 | 830 | 0.2 | MW-2A | 31-Aug-09 | 3.2 |
| 1377 | Grande Vida Dairy | 2006 | Active | Roosevelt | Portales | 49,500 | 191 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 11.5 | 20 | 375 | 0.2 | MW-2 | 26-Feb-09 | 7.7 |
| 765 | J&M Dairy | 1991 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | land application field | 160 | 220 | 4300 | 2.2 | MW-3 | 5-Jul-06 | 14 |
| 343 | Tom Visser Dairy | 1984 | Active | Chaves | Roswell | 60,000 | 10 | storage impoundment & land apply | Yes | land application field | 144.6 | 865 | 6325 | 0.3 | East MW | 15-Jul-09 | 11.3 |
| 683 | Top Line Dairy | 1990 | Active | Eddy | Artesia | 550,000 | 18 | storage impoundment & land apply | Yes | land application field | 110 | 1400 | 7530 | ND | MW-5 | 13-Jul-09 | 39 |
| 677 | Cheyenne Dairy 1 and II | 1991 | Active | Chaves | Dexter | 130,000 | 50-100 | storage impoundment & land apply | Yes | land application field | 98 | 320 | 5600 | ND | MW-2 | 16-Sep-09 | 7.9 |
| 692 | Del Oro Dairy | 1991 | Active | Dona Ana | Ambrosy | 60,000 | 5-10 | evaporation impoundment only | Yes | land application field | 96 | 1200 | 4073 | 1 | DO-2 | 8-Dec-09 | 2.5 |
| 791 | 3-V Dairy | 1992 | Active | Chaves | Roswell | 120,000 | 10 | storage impoundment & land apply | Yes | land application field | 82 | 190 | 3520 | ND | MW-4 | 12-Oct-09 | N/A |
| 207 | Nature's Dairy Inc | 1982 | Active | Chaves | Roswell | 84,000 | 14-17 | storage impoundment & land apply | Yes | land application field | 81 | 1900 | 8200 | ND | MW-4 | 16-Jun-09 | data not provided |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | NO ₃ -N contamination in ground water? | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|-----------|--------------|--|---|---|---|---|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|------------------------------------|
| | | | | | | | | | | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgrade MW NO ₃ -N mg/L |
| 170 | San Valley Dairy LLC | | Active | Doña Ana | Berino | 35,000 | 22-24 | storage impoundment & land apply | Yes | land application field | 80.6 | 610 | 2350 | 0.7 | MW-5 | 4-Jun-09 | 4.2 |
| 228 | New Horizon Dairy | 1982 | Inactive | Chaves | Roswell | 120,000 | 29 | storage impoundment & land apply | Yes | land application field | 69 | 320 | 4320 | ND | MW-3 | 13-Jan-09 | data not provided |
| 612 | De Vries Dairy | | Active | Chaves | Deming | 10,000 | 95-110 | storage impoundment & land apply | Yes | land application field | 67 | 200 | 2840 | ND | MW-1 | 19-Sep-09 | 11 |
| 718 | De Groot Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 15-26 | storage impoundment & land apply | Yes | land application field | 67 | 2600 | 8280 | ND | MW-3 | 12-Nov-09 | 17 |
| 80 | Buena Vista Dairy | | Inactive | Doña Ana | Mesquite | 60,000 | 25-35 | storage impoundment & land apply | Yes | land application field | 64 | 1080 | 3408 | ND | 70/86/340-1 | 15-Dec-09 | data not provided |
| 913 | Creekside Dairy | 1993 | Active | Eddy | Lake Arthur | 55,000 | 29-75 | storage impoundment & land apply | Yes | land application field | 62 | 200 | 3630 | ND | MW-3A | 20-Aug-09 | 13 |
| 1121 | Fortunement Dairy | | Active | Chaves | Lake Arthur | 120,000 | 10 | storage impoundment & land apply | Yes | land application field | 62 | 630 | 3960 | ND | MW-4A | 14-Jul-09 | 3.6 |
| 1131 | Richardson Dairy | | Active | Chaves | Lake Arthur | 120,000 | 10 | storage impoundment & land apply | Yes | land application field | 61 | 470 | 4800 | ND | MW-5 | 14-Jul-09 | 3.6 |
| 227 | Queso Grande Dairy | 1982 | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | land application field | 56.7 | 712 | 4550 | 1.3 | MW-2 | 23-Sep-09 | data not provided |
| 177 | Gonzalez Dairy | 1981 | Active | Doña Ana | Mesquite | 49,000 | 14 | storage impoundment & land apply | Yes | land application field | 56 | 1300 | 4000 | ND | MW-2 | 7-Jul-09 | 38 |
| 624 | Dominguez Dairy | 1990 | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | land application field | 50.1 | 960 | 3280 | 0.4 | MW-7 | 15-Sep-09 | 2.3 |
| 140 | Bright Star Dairy | | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | land application field | 50 | 1100 | 3610 | ND | 70/86/340-1 | 2-Sep-09 | 8.8 |
| 161 | Arroyo Dairy | | Active | Chaves | Roswell | 30,000 | 17-25 | storage impoundment & land apply | Yes | land application field | 48 | 860 | 5000 | ND | MW-5 | 4-Nov-09 | N/A |
| 163 | Little Farms Dairy | | Active | Chaves | Roswell | 35,000 | 15 | storage impoundment & land apply | Yes | land application field | 47 | 160 | 3500 | 18 | MW-6 | 13-May-09 | 28 |
| 963 | Red Roof Dairy | 1993 | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | land application field | 46.1 | 60 | 610 | 0.3 | MW-6 | 6-Feb-09 | 1.9 |
| 635 | Woodcrest Dairy | 1989 | Active | Chaves | Roswell | 100,000 | 8-15 | storage impoundment & land apply | Yes | land application field | 44 | 1900 | 7470 | ND | MW-4 | 23-Jul-09 | 13 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|--------------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 707 | Vaz Dairy | 1991 | Active | Chaves | Roswell | 100,000 | 15.25 | storage impoundment & land apply | Yes | land application field | 44 | 5900 | 11900 | ND | MW-4 | 13-Oct-09 | 23 |
| 921 | Flecha Dairy | 1994 | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | land application field | 38 | 110 | 3760 | ND | MW-6 | 15-Sep-09 | 4.5 |
| 103 | Southern Star Dairy | | Active | Chaves | Roswell | 22,000 | 21 | storage impoundment & land apply | Yes | land application field | 36 | 100 | 1480 | ND | MW-5A | 3-Nov-09 | 32 |
| 166 | Yorktown Dairy | | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | land application field | 32 | 220 | 4400 | 14 | MW-3 | 21-Apr-09 | not installed |
| 706 | Rajen Dairy | 1992 | Active | Curry | Clovis | 200,000 | 291 | storage impoundment & land apply | Yes | land application field | 31 | 240 | 912 | ND | MW-4 | 8-Oct-09 | 5.9 |
| 1245 | 4-Way Dairy | 2000 | Active | Roosevelt | Portales | 150,000 | 90 | storage impoundment & land apply | Yes | land application field | 29.7 | 30 | 480 | ND | MW-5 | 1-Jul-09 | 18.1 |
| 444 | Butterfield Dairy Farm | | Active | Lea | Deering | 60,000 | 90 | storage impoundment & land apply | Yes | land application field | 29 | 46 | 912 | ND | MW-3 | 7-Jul-09 | 16 |
| 622 | Bel Ore Dairy | | Active | Dona Ana | Alamogordo | 60,000 | 58.70 | evaporation impoundment only | Yes | land application field | 28 | 860 | 3131 | 1 | DO-7 | 8-Dec-09 | 2.5 |
| 881 | Big Sky Descendant Dairy | | Active | Dona Ana | Mesquite | 80,000 | 12.69 | storage impoundment & land apply | Yes | land application field | 25.1 | 790 | 2708 | 1.96 | 833-06 | 31-Aug-09 | 16.1 |
| 727 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | land application field | 23 | 140 | 2200 | ND | MW-3 | 15-Oct-09 | ND |
| 727 | Shawnee Dairy | | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | land application field | 23 | 120 | 3190 | ND | MW-4 | 15-Oct-09 | ND |
| 1417 | Milk Flow Dairy | | Inactive | Roosevelt | Portales | 40,000 | 130 | storage impoundment & land apply | Yes | land application field | 22.3 | 115 | 745 | ND | MW-3 | 7-Feb-09 | data not provided |
| 796 | Cornerstone Dairy | 1991 | Active | Eddy | Artesia | 90,000 | 46 | storage impoundment & land apply | Yes | land application field | 21 | 86 | 3700 | ND | MW-7 | 26-Jan-09 | N/A |
| 554 | Break-A-way Dairy | 1988 | Active | Chaves | Roswell | 35,000 | 13 | storage impoundment & land apply | Yes | land application field | 20 | 2200 | 5920 | ND | MW-3 | 8-Oct-09 | 7.5 |
| 699 | Ruch Dairy | est. 1991 | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | land application field | 20 | 230 | 1090 | ND | MW-4 | 5-Oct-09 | 3.8 |
| 667 | H and R Westra Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 45 | storage impoundment & land apply | Yes | land application field | 19.7 | 60 | 680 | 0.5 | MW-4 | 27-Jul-09 | 1.4 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|-------------------------|--------------------------|----------|-------------------------------|------------------------|-------------------------------------|
| | | | | | | | | | NO ₃ -N Contamination in ground water? | Source Monitored | NO ₃ -N mg/L (as = 100 mg/L) | Cl mg/L (as = 240 mg/L) | TAN mg/L (as = 100 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upstream MW NO ₃ -N mg/L |
| 898 | Bone Broo Dairy LLC | 1993 | Active | Roosevelt | Porales | 43,000 | 60 | evaporation impoundment only | Yes | land application field | 19 | 29 | 539 | ND | MW-5 | 3-Sep-09 | 9.9 |
| 904 | Wild West Farms | 1993 | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | land application field | 19 | 86 | 2830 | ND | MW-6 | 17-Sep-09 | 12 |
| 962 | Red Roof Dairy | | Active | Roosevelt | Porales | 17,000 | 129-142 | storage impoundment & land apply | Yes | land application field | 18.5 | 40 | 410 | 0.4 | MW-4 | 16-Jul-09 | data not provided |
| 1400 | Wilby Way Dairy | | Active | Chaves | Roswell | 8,400 | 74 | storage impoundment & land apply | Yes | land application field | 18 | 2200 | 6700 | ND | MW-3 | 9-Sep-09 | 14 |
| 276 | Southwind Dairy | | Active | Chaves | Hagerman | 36,000 | 145-147 | storage impoundment & land apply | Yes | land application field | 16 | 55 | 969 | ND | MW-2 | 19-Oct-09 | 2.6 |
| 1250 | Sky County Farms | 2005 | Active | Roosevelt | Porales | 90,000 | 428 | storage impoundment & land apply | Yes | land application field | 16 | 72 | 728 | ND | MW-3 | 7-Sep-09 | 11 |
| 717 | Epicenter Dairy | 1993 | Inactive | Chaves | Hagerman | 48,000 | 145 | storage impoundment & land apply | Yes | land application field | 15 | 530 | 2700 | ND | MW-3A | 10-Mar-09 | 4.7 |
| 133 | Red Hill Dairy | | Active | Chaves | Dexter | 80,000 | 102 | storage impoundment & land apply | Yes | land application field | 15 | 140 | 1360 | ND | MW-4 | 24-Aug-09 | 12 |
| 737 | Parkland Dairy | 1992 | Active | Roosevelt | Porales | 15,000 | 80 | storage impoundment & land apply | Yes | land application field | 14.9 | 365 | 2305 | 0.5 | MW-1 | 29-Jun-09 | 7.1 |
| 1130 | Home Envy Dairy | | Active | Dona Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | land application field | 14.79 | 186.3 | 25.94 | 1.3 | MW-3 | 18-Jan-08 | N/A |
| 734 | Cottonwood Springs Dairy I | 1991 | Active | Eddy | Lake Arthur | 84,000 | 25 | storage impoundment & land apply | Yes | land application field | 14 | 68 | 2500 | ND | MW-4 | 13-Jul-09 | N/A |
| 1131 | Par 5 Dairy and Select Milk | | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | land application field | 14 | 610 | 4940 | ND | MW-5 | 14-Jul-09 | 4 |
| 1131 | Par 5 Dairy and Select Milk | | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | land application field | 14 | 570 | 4400 | ND | MW-4 | 4-Nov-08 | ND |
| 1313 | Desert Star Dairy | | Active | Krapavell | Dojo | 40,000 | 297 | storage impoundment & land apply | Yes | land application field | 14 | 140 | 1070 | ND | MW-5 | 23-Jul-09 | N/A |
| 128 | Del Norte Dairy | | Active | Dona Ana | Mesquite | 14,000 | 15-29 | storage impoundment & land apply | Yes | land application field | 12.8 | 530 | 2336 | 0.58 | 126-12 | 2-Sep-09 | 10.9 |
| 480 | Double Arch Dairy | | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | land application field | 12 | 190 | 3880 | ND | MW-5 | 2-Dec-08 | 2.9 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Max shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | NO ₃ -N contamination in ground water? | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | |
|----------------------------|--------------------------|----------------------|----------|------------|--------------|--|--|---|---|---|--|---------------------------|-----------------------------|----------|-------------------------------|------------------------|-------------------------------------|
| | | | | | | | | | | Source Monitored | NO ₃ -N mg/L (sd = 10.0 mg/L) | Cl mg/L (sd = 250.0 mg/L) | TDS mg/L (sd = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) ID/depth | Sample Collection Date | Upstream MW NO ₃ -N mg/L |
| 1001 | Three Arrows Dairy | | Active | Chaves | Dexter | 140,000 | 25 | storage impoundment & land apply | Yes | land application field | 12 | 1400 | 4660 | ND | MW-5 | 22-Sep-09 | 4.9 |
| 1294 | Cooper Dairy Plant | | Active | Roswell | Portales | 65,000 | 30 | storage impoundment & land apply | Yes | land application field | 12 | 62 | 764 | ND | MW-3 | 7-Sep-09 | 0.74 |
| 136 | Hubbard Dairy | | Active | Cur | Portales | 10,000 | 30-100 | storage impoundment & land apply | Yes | land application field | 11.4 | 255 | 1645 | 0.4 | MW-4 | 26-Aug-09 | 9.2 |
| 826 | Amistad Dairy | | Active | Roosevelt | Portales | 1,500 | 30 | evaporation impoundment only | Yes | land application field | 11 | 130 | 1070 | ND | MW-5 | 22-Aug-09 | 10 |
| 1067 | Stepping Stone Dairy | 1996 | Inactive | Roosevelt | Portales | 7,000 | 75 | evaporation impoundment only | Yes | land application field | 10.3 | 490 | 3225 | 0.6 | MW-1 | 28-Jul-09 | not installed |
| 514 | Amistad Dairy | 1988 | Active | Roosevelt | Portales | 6,000 | 90 | evaporation impoundment only | Yes | land application field | 10.1 | 250 | 1170 | 0.8 | MW-2 | 23-Sep-09 | 7.1 |
| 892 | Western Star Dairy | | Active | Roosevelt | Portales | 20,000 | 30-90 | storage impoundment & land apply | Yes | land application field | 10.1 | 245 | 1460 | 0.3 | MW-4 | 26-Aug-09 | not installed |
| 144 | Back Roads Dairy | | Inactive | Cur | Roswell | 15,000 | 10 | storage impoundment & land apply | Yes | stormwater impoundment | 107 | 990 | 5760 | 1.3 | MW-3A | 25-Aug-09 | 6.7 |
| 42 | Dominguez Farms II & III | 1978 | Active | Dona Ana | Mesquite | 60,000 | 40 | evaporation impoundment only | Yes | stormwater impoundment | 87.1 | 410 | 2340 | 0.7 | DJ-8 | 15-Sep-09 | 66.6 |
| 833 | Big Sky/Desertland Dairy | 1992 | Active | Dona Ana | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | stormwater impoundment | 74 | 1180 | 3978 | ND | 833-07 | 31-Aug-09 | 16.1 |
| 613 | Top Land Dairy | | Active | Eddy | Artesia | 350,000 | 18 | storage impoundment & land apply | Yes | stormwater impoundment | 66 | 190 | 5540 | ND | MW-2 | 13-Jul-09 | 39 |
| 596 | Back Nine Dairy | | Active | Roosevelt | Portales | 10,000 | 60 | storage impoundment & land apply | Yes | stormwater impoundment | 63.7 | 340 | 1980 | 0.8 | MW-6 | 16-Apr-09 | data not provided |
| 208 | Oasis Dairy | 1982 | Inactive | Chaves | Roswell | 64,000 | 28 | storage impoundment & land apply | Yes | stormwater impoundment | 57.4 | 390 | 3495 | 9.4 | MW-3 | 25-Aug-09 | 11.2 |
| 765 | RAM Dairy | | Inactive | Eddy | Artesia | 95,000 | 20 | storage impoundment & land apply | Yes | stormwater impoundment | 45 | 320 | 4700 | 1.1 | MW-9U | 27-Jun-06 | 14 |
| 982 | Rockhill Dairy | | Active | Chaves | Dexter | 81,000 | 105 | storage impoundment & land apply | Yes | stormwater impoundment | 44 | 310 | 2010 | ND | MW-3 | 24-Aug-09 | 12 |
| 1145 | Blanca Dairy | | Active | Bernalillo | Albuquerque | 9,000 | 108-125 | evaporation impoundment only | Yes | stormwater impoundment | 41.1 | 94.4 | 894 | 0.3 | MW-6 | 28-Sep-09 | 20.2 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 2: Dairy facilities with nitrate-nitrogen contamination in ground water and the associated source(s)

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------------|----------------------|--------|------------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1195 | Elmira Dairy | 1998 | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | stormwater impoundment | 31.4 | 102 | 860 | 0.5 | MW-5 | 28-Sep-09 | 20.2 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Socorro | Veguita | 5,000 | 70 | evaporation impoundment only | Yes | stormwater impoundment | 26.1 | 17 | 748 | ND | MW-3 | 2-Nov-09 | 4.73 |
| 797 | Cheyenne Dairy 2 | 1992 | Active | Chaves | Roswell | 80,000 | 110-117 | storage impoundment & land apply | Yes | stormwater impoundment | 18 | 230 | 2230 | ND | MW-2 | 16-Sep-09 | 5.4 |
| 1005 | Entre Amigos Dairy | | Active | Chaves | Dexter | 130,000 | 45 | storage impoundment & land apply | Yes | stormwater impoundment | 17 | 790 | 4380 | ND | MW-2A | 22-Sep-09 | 4.9 |
| 904 | Wild West Farms | | Active | Chaves | Roswell | 125,000 | 50 | storage impoundment & land apply | Yes | stormwater impoundment | 16 | 220 | 2460 | ND | MW-2 | 17-Sep-09 | 12 |
| 1111 | Par 3 Dairy and Select Milk | | Active | Chaves | Dexter | 110,000 | 40-50 | storage impoundment & land apply | Yes | stormwater impoundment | 16 | 400 | 3320 | ND | MW-3 | 14-Jul-09 | 4 |
| 71 | Lucas Dairy 2 | | Active | Doña Ana | Mesquite | 55,000 | 13-19 | storage impoundment & land apply | Yes | stormwater impoundment | 15.9 | 600 | 1924 | ND | 74-5 | 14-Dec-09 | 14.1 |
| 1141 | Enchantment Dairy | 1997 | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | stormwater impoundment | 15 | 71 | 2790 | ND | MW-3A | 14-Jul-09 | 3.6 |
| 1034 | Willard Dairy | | Active | Touraine | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | stormwater impoundment | 13.2 | 315 | 1535 | 2 | MW-3 | 17-Jul-09 | 2.5 |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24,000 | 15-29 | storage impoundment & land apply | Yes | stormwater impoundment | 12.8 | 840 | 2746 | ND | 126-13 | 2-Sep-09 | 10.9 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|--------------------------|----------------------|----------|----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 42 | Dominguez Farms II & III | 1978 | Active | Doña Ana | Mesquite | 60,000 | 40 | evaporation impoundment only | Yes | stormwater impoundment | 87.1 | 410 | 2340 | 0.7 | DJ-8 | 15-Sep-09 | 66.6 |
| 70 | Mountain View Dairy | 1980 | Active | Doña Ana | Mesquite | 60,000 | 32-58 | storage impoundment & land apply | Yes | wastewater impoundment | 21.4 | 970 | 3148 | ND | 70-02 | 1-Sep-09 | 8.8 |
| 74 | Buena Vista 2 | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | wastewater impoundment | 84 | 750 | 2480 | 0.14 | 74-1 | 14-Dec-09 | 14.1 |
| 74 | Buena Vista | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | stormwater impoundment | 15.9 | 600 | 1924 | ND | 74-5 | 14-Dec-09 | 14.1 |
| 86 | Buena Vista Dairy | 1979 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | wastewater impoundment | 29.8 | 1750 | 4670 | ND | 86-01 | 15-Dec-09 | 10.7 |
| 86 | Mountain View Dairy | 1980 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | land application field | 64 | 1080 | 3408 | ND | 70/86/340-1 | 15-Dec-09 | data not provided |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24,000 | 15-29 | storage impoundment & land apply | Yes | stormwater impoundment | 12.8 | 840 | 2746 | ND | 126-13 | 2-Sep-09 | 10.9 |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24,000 | 15-29 | storage impoundment & land apply | Yes | land application field | 12.8 | 530 | 2336 | 0.58 | 126-12 | 2-Sep-09 | 10.9 |
| 162 | Yorktown Dairy | ~1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 35 | 440 | 4000 | ND | MW-1 | 21-Apr-09 | not installed |
| 162 | Yorktown Dairy | ~1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | land application field | 32 | 220 | 4400 | 14 | MW-3 | 21-Apr-09 | not installed |
| 163 | Pirle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | wastewater impoundment | 51 | 680 | 3590 | ND | MW-4 | 14-Jul-09 | 29 |
| 163 | Pirle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | wastewater impoundment | 30 | 110 | 1940 | ND | MW-1 | 14-Jul-09 | 29 |
| 163 | Pirle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | land application field | 47 | 160 | 3500 | 18 | MW-6 | 13-May-09 | 28 |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | wastewater impoundment | 61 | 190 | 2950 | ND | MW-7 | 3-Nov-09 | 32 |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | land application field | 36 | 100 | 1480 | ND | MW-5A | 3-Nov-09 | 32 |
| 170 | Sun Valley Dairy LLC | ~1981 | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | wastewater impoundment | 26.5 | 700 | 2685 | 0.4 | MW-1 | 4-Jun-09 | 4.2 |
| 170 | Sun Valley Dairy LLC | ~1981 | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | land application field | 80.6 | 610 | 2350 | 0.7 | MW-5 | 4-Jun-09 | 4.2 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identify | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 177 | Gonzalez Dairy | 1981 | Active | Doña Ana | Mesquite | 49,000 | 14 | storage impoundment & land apply | Yes | land application field | 56 | 1300 | 4000 | ND | MW-2 | 7-Jul-09 | 38 |
| 190 | Othart Dairy | 1982 | Active | Socorro | Veguita | 8,000 | 66 | evaporation impoundment only | Yes | wastewater impoundment | 30 | 49 | 770 | ND | MW | 6-Jul-09 | 0.32 |
| 207 | Nature's Dairy Inc | 1982 | Active | Chaves | Roswell | 84,000 | 14-17 | storage impoundment & land apply | Yes | land application field | 81 | 1900 | 8200 | ND | MW-4 | 16-Jun-09 | data not provided |
| 208 | Oasis Dairy | 1982 | Inactive | Chaves | Roswell | 64,000 | 28 | storage impoundment & land apply | Yes | stormwater impoundment | 57.4 | 390 | 3495 | 9.4 | MW-3 | 25-Aug-09 | 11.2 |
| 227 | Queso Grande Dairy | 1982 | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | land application field | 56.7 | 712 | 4550 | 1.3 | MW-2 | 23-Sep-09 | data not provided |
| 227 | Queso Grande Dairy | 1982 | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | wastewater impoundment | 73.6 | 300 | 4410 | 0.9 | MW-4 | 23-Sep-09 | data not provided |
| 228 | New Horizon Dairy | 1982 | Inactive | Chaves | Roswell | 120,000 | 29 | storage impoundment & land apply | Yes | land application field | 69 | 320 | 4320 | ND | MW-3 | 13-Jan-09 | data not provided |
| 257 | Sunset Dairy | 1983 | Active | Doña Ana | Vado | 45,000 | 21-26 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 880 | 3706 | ND | 257-1 | 31-Aug-09 | 10.7 |
| 259 | Rock View Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 63.2 | 890 | 1950 | 0.4 | MW-7R | 30-Sep-09 | 2.8 |
| 259 | Rock View Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 60.6 | 290 | 1495 | 0.8 | MW-6R | 30-Sep-09 | 2.8 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Socorro | Veguita | 5,000 | 70 | evaporation impoundment only | Yes | stormwater impoundment | 26.1 | 17 | 748 | ND | MW-3 | 2-Nov-09 | 4.73 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Socorro | Veguita | 5,000 | 70 | evaporation impoundment only | Yes | wastewater impoundment | 19 | 23 | 517 | ND | MW-1 | 2-Nov-09 | 4.73 |
| 299 | Blackwater Draw Dairy | before 1983 | Inactive | Roosevelt | Portales | 25,000 | 115 | storage impoundment & land apply | Yes | wastewater impoundment | 32.6 | 75 | 710 | ND | MW-1 | 14-Jan-09 | N/A |
| 340 | Bright Star Dairy | 1987 | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | wastewater impoundment | 94 | 890 | 3072 | ND | 340-2 | 1-Sep-09 | 12.2 |
| 340 | Bright Star Dairy | 1987 | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | land application field | 50 | 1100 | 3610 | ND | 70/86/340-1 | 2-Sep-09 | 8.8 |
| 343 | Tom Visser Dairy | 1984 | Active | Chaves | Roswell | 60,000 | 10 | storage impoundment & land apply | Yes | land application field | 144.6 | 865 | 6325 | 0.3 | East MW | 15-Jul-09 | 11.3 |
| 384 | Philmar Dairy | 1985 | Active | Roosevelt | Portales | 40,000 | 80-103 | storage impoundment & land apply | Yes | wastewater impoundment | 18.7 | 315 | 2180 | 0.3 | MW-2 | 26-Aug-09 | 9.2 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|----------|------------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|--------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) ID# | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 480 | Double Aught Dairy | 1987 | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | land application field | 11.4 | 255 | 1645 | 0.4 | MW-4 | 26-Aug-09 | 9.2 |
| 480 | Double Aught Dairy | | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | wastewater impoundment | 13.8 | 210 | 2015 | 1.5 | MW-2 | 25-Aug-09 | 4.3 |
| 487 | Baca Linda Dairy | 1987 | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | wastewater impoundment | 44.4 | 480 | 4630 | 1.1 | MW-1A | 25-Aug-09 | 6.7 |
| 487 | Baca Linda Dairy | | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | stormwater impoundment | 107 | 990 | 5760 | 1.3 | MW-3A | 25-Aug-09 | 6.7 |
| 514 | Amistad Dairy | 1988 | Active | Roosevelt | Portales | 6,000 | 90 | evaporation impoundment only | Yes | land application field | 10.1 | 250 | 1170 | 0.8 | MW-2 | 23-Sep-09 | 7.1 |
| 537 | Van Dam Dairy | 1987 | Active | Roosevelt | Portales | 35,463 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 310 | 2350 | ND | MW-2 | 25-Sep-09 | 9.3 |
| 554 | Break-Away Dairy | 1988 | Active | Chaves | Roswell | 35,000 | 13 | storage impoundment & land apply | Yes | land application field | 20 | 2200 | 5920 | ND | MW-3 | 8-Oct-09 | 7.5 |
| 568 | Vanderploeg Dairy | 1988 | Active | Bernalillo | Albuquerque | 2,000 | 70 | evaporation impoundment only | Yes | wastewater impoundment | 17 | 63 | 724 | ND | MW-West | 7-Jul-09 | N/A |
| 585 | McCatham Dairy | 1950's | Active | Bernalillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | wastewater impoundment | 160 | 300 | 2450 | ND | MW-3 | 15-Sep-09 | 12 |
| 585 | McCatham Dairy | | Active | Bernalillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | wastewater impoundment | 49 | 140 | 1380 | ND | MW-1 | 15-Sep-09 | 12 |
| 595 | Back Nine Dairy | before 1988 | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | wastewater impoundment | 19.2 | 230 | 1370 | ND | MW-5A | 16-Apr-09 | data not provided |
| 625 | Back Nine Dairy | | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | stormwater impoundment | 63.7 | 340 | 1980 | 0.8 | MW-6 | 16-Apr-09 | data not provided |
| 606 | Dexter Dairy | 1989 | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | wastewater impoundment | 72 | 240 | 3440 | ND | MW-4 | 19-Aug-09 | 11 |
| 616 | Dexter Dairy | | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | land application field | 67 | 200 | 2840 | ND | MW-1 | 19-Sep-09 | 11 |
| 624 | Dominguez Dairy | 1990 | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | land application field | 50.1 | 960 | 3280 | 0.4 | MW-7 | 15-Sep-09 | 2.3 |
| 624 | Dominguez Dairy | | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | wastewater impoundment | 27.8 | 1150 | 3425 | 0.7 | MW-6 | 15-Sep-09 | 2.3 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|--------------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) ID | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 635 | Woodcrest Dairy | 1989 | Active | Chaves | Roswell | 100,000 | 8-15 | storage impoundment & land apply | Yes | land application field | 44 | 1900 | 7470 | ND | MW-4 | 23-Jul-09 | 13 |
| 666 | Western Star Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | wastewater impoundment | 12.9 | 170 | 1500 | 0.2 | MW-5 | 26-Aug-09 | not installed |
| 666 | Western Star Dairy | | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | land application field | 10.1 | 245 | 1460 | 0.3 | MW-4 | 26-Aug-09 | not installed |
| 667 | H and R Westra Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 45 | storage impoundment & land apply | Yes | land application field | 19.7 | 60 | 680 | 0.5 | MW-4 | 27-Jul-09 | 1.4 |
| 677 | Cheyenne Dairy I and III | 1991 | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | wastewater impoundment | 91 | 310 | 2730 | ND | MW-6 | 16-Sep-09 | 7.9 |
| 677 | Cheyenne Dairy I and III | | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | land application field | 98 | 320 | 5600 | ND | MW-2 | 16-Sep-09 | 7.9 |
| 683 | Top Line Dairy | 1990 | Active | Eddy | Artesia | 550,000 | 18 | storage impoundment & land apply | Yes | land application field | 110 | 1400 | 7530 | ND | MW-5 | 13-Jul-09 | 39 |
| 683 | Top Line Dairy | | Active | Eddy | Artesia | 550,000 | 18 | storage impoundment & land apply | Yes | wastewater impoundment | 60 | 350 | 4230 | ND | MW-8 | 13-Jul-09 | 39 |
| 683 | Top Line Dairy | | Active | Eddy | Artesia | 550,000 | 18 | storage impoundment & land apply | Yes | stormwater impoundment | 66 | 190 | 5540 | ND | MW-2 | 13-Jul-09 | 39 |
| 692 | Del Oro Dairy | 1990 | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | wastewater impoundment | 107 | 1060 | 4897 | 3 | DO-1 | 8-Dec-09 | 2.5 |
| 692 | Del Oro Dairy | | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | land application field | 96 | 1200 | 4073 | 1 | DO-2 | 8-Dec-09 | 2.5 |
| 692 | Del Oro Dairy | | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | land application field | 28 | 860 | 3131 | 1 | DO-7 | 8-Dec-09 | 2.5 |
| 699 | Ruch Dairy | est. 1991 | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | land application field | 20 | 230 | 1090 | ND | MW-4 | 5-Oct-09 | 3.8 |
| 699 | Ruch Dairy | | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | wastewater impoundment | 12 | 230 | 1140 | ND | MW-1 | 5-Oct-09 | 3.8 |
| 706 | Rajen Dairy | 1992 | Active | Curry | Clovis | 200,000 | 291 | storage impoundment & land apply | Yes | land application field | 31 | 240 | 912 | ND | MW-4 | 8-Oct-09 | 5.9 |
| 707 | Vaz Dairy | 1991 | Active | Chaves | Roswell | 100,000 | 15-25 | storage impoundment & land apply | Yes | land application field | 44 | 5900 | 11900 | ND | MW-4 | 13-Oct-09 | 23 |
| 717 | Episcoper Dairy | 1993 | Inactive | Chaves | Hagerman | 48,000 | 145 | storage impoundment & land apply | Yes | land application field | 15 | 530 | 2700 | ND | MW-3A | 10-Mar-09 | 4.7 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|----------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 718 | De Groot Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 15-26 | storage impoundment & land apply | Yes | land application field | 67 | 2600 | 8280 | ND | MW-3 | 12-Nov-09 | 17 |
| 727 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | land application field | 23 | 140 | 2200 | ND | MW-3 | 15-Oct-09 | ND |
| 731 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | land application field | 23 | 120 | 3190 | ND | MW-4 | 15-Oct-09 | ND |
| 734 | Cottonwood Springs Dairy I | 1991 | Active | Eddy | Lake Arthur | 84,000 | 25 | storage impoundment & land apply | Yes | land application field | 14 | 68 | 2500 | ND | MW-4 | 13-Jul-09 | N/A |
| 737 | Parkland Dairy | 1992 | Active | Roosevelt | Portales | 115,000 | 80 | storage impoundment & land apply | Yes | land application field | 14.9 | 365 | 2305 | 0.5 | MW-1 | 29-Jun-09 | 7.1 |
| 738 | El Visto Dairy 2 | 1991 | Active | Chaves | Dexter | 55,000 | 97 | storage impoundment & land apply | Yes | wastewater impoundment | 32 | 100 | 2260 | ND | MW-4 | 14-Jul-09 | 31 |
| 742 | Breedvik Dairy | 1991 | Active | Chaves | Dexter | 92,000 | 51 | storage impoundment & land apply | Yes | wastewater impoundment | 34 | 1200 | 4580 | ND | MW-2 | 7-Oct-09 | 11 |
| 753 | Brouwer Dairy | 1991 | Active | Roosevelt | Portales | 24,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 12.4 | 190 | 950 | ND | MW-2 | 20-Mar-08 | 3.8 |
| 762 | High Lonesome Dairy | 1991 | Active | Lea | Hobbs | 60,000 | 99 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 30.6 | 265 | 1130 | 0.6 | MW-6HL | 21-Jul-09 | 2.1 |
| 764 | Arroyo Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | wastewater impoundment | 55 | 620 | 4060 | ND | MW-1A | 4-Nov-09 | N/A |
| 764 | Arroyo Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | land application field | 48 | 860 | 5000 | ND | MW-5 | 4-Nov-09 | N/A |
| 765 | J&M Dairy | 1991 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | land application field | 160 | 220 | 4300 | 2.2 | MW-3 | 5-Jul-06 | 14 |
| 765 | J&M Dairy | 1991 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | stormwater impoundment | 45 | 320 | 4700 | 1.1 | MW-9U | 27-Jun-06 | 14 |
| 765 | J&M Dairy | 1991 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | wastewater impoundment | 28 | 150 | 2400 | ND | MW-2 | 29-Jun-06 | 14 |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 69 | 1040 | ND | MW-1AA | 19-Oct-09 | 2.6 |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | land application field | 16 | 55 | 969 | ND | MW-2 | 19-Oct-09 | 2.6 |
| 791 | B-V Dairy | 1992 | Active | Chaves | Roswell | 120,000 | 10 | storage impoundment & land apply | Yes | land application field | 82 | 190 | 3520 | ND | MW-4 | 12-Oct-09 | N/A |

Table 3

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | Most shallow Depth-to-Water (ft) as of March 2009 | Permitted wastewater management practices | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-------------------------------------|----------------------|----------|-----------|--------------|--|---|---|---|------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (Std = 10.0 mg/L) | Cl mg/L (Std = 250.0 mg/L) | TDS mg/L (Std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 791 | V-Dairy | | Active | Chaves | Roswell | 170,000 | 10 | storage impoundment & land apply | Yes | wastewater impoundment | 41 | 160 | 2770 | ND | MW-3 | 12-Oct-09 | N/A |
| 796 | Cornerstone Dairy | 1991 | Active | Eddy | Artesia | 90,000 | 46 | storage impoundment & land apply | Yes | land application field | 21 | 86 | 3700 | ND | MW-7 | 26-Jan-09 | N/A |
| 797 | Cheyenne Dairy 2 | 1992 | Active | Chaves | Roswell | 80,000 | 110-117 | storage impoundment & land apply | Yes | stormwater impoundment | 18 | 230 | 2230 | ND | MW-2 | 16-Sep-09 | 5.4 |
| 804 | Sunshine Dairy-Dexter | 1978 | Active | Chaves | Roswell | 24,000 | 30 | storage impoundment & land apply | Yes | wastewater impoundment | 23 | 430 | 3000 | ND | MW-2 | 2/22/07 | N/A |
| 826 | Anderson Dairy 2 | 1992 | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | wastewater impoundment | 11 | 130 | 1100 | 6 | MW-4 | 14-May-09 | 10 |
| 826 | Anderson Dairy 2 | | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | land application field | 11 | 130 | 1070 | ND | MW-5 | 22-Aug-09 | 10 |
| 833 | Big Sky/Desertland Dairy | 1992 | Active | Doña Ana | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | stormwater impoundment | 74 | 1180 | 3978 | ND | 833-07 | 31-Aug-09 | 16.1 |
| 833 | Big Sky/Desertland Dairy | | Active | Doña Ana | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | land application field | 25.1 | 790 | 2708 | 1.96 | 833-06 | 31-Aug-09 | 16.1 |
| 893 | Los Lunas Correctional Center Dairy | pre 1992 | Inactive | Valencia | Los Lunas | 6,300 | 36 | storage impoundment & land apply | Yes | wastewater impoundment | 110 | 165 | 1800 | 2.49 | MW-3 | 23-Jul-02 | 74 |
| 898 | Bonestroo Dairy LLC | 1993 | Active | Roosevelt | Portales | 43,000 | 60 | evaporation impoundment only | Yes | land application field | 19 | 29 | 539 | ND | MW-5 | 3-Sep-09 | 9.9 |
| 898 | Bonestroo Dairy LLC | | Active | Roosevelt | Portales | 43,000 | 60 | evaporation impoundment only | Yes | wastewater impoundment | 14 | 25 | 500 | ND | MW-6 | 3-Sep-09 | 9.9 |
| 904 | Wild West Farms | 1993 | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | land application field | 19 | 86 | 2830 | ND | MW-6 | 17-Sep-09 | 12 |
| 904 | Wild West Farms | | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | 350 | 2340 | ND | MW-1 | 17-Sep-09 | 12 |
| 904 | Wild West Farms | | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | stormwater impoundment | 16 | 220 | 2460 | ND | MW-2 | 17-Sep-09 | 12 |
| 909 | Tee Vee Dairy | 1993 | Active | Lea | Hobbs | 48,000 | 76 | storage impoundment & land apply | Yes | wastewater impoundment | 11.8 | 95 | 800 | 0.3 | MW-4 | 24-Oct-08 | 2.4 |
| 913 | Creekside Dairy | 1993 | Active | Eddy | Lake Arthur | 56,000 | 29-75 | storage impoundment & land apply | Yes | land application field | 62 | 200 | 3630 | ND | MW-3A | 20-Aug-09 | 13 |
| 921 | Flecha Dairy | 1994 | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | land application field | 38 | 110 | 3760 | ND | MW-6 | 15-Sep-09 | 4.5 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

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|----------------------------|----------------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1800.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 921 | Healing Dairy | | Active | Eddy | Arbuckle | 115,000 | 15 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45 | 65 | 2860 | ND | MW-2A | 15-Sep-09 | 4.5 |
| 932 | Midway Dairy | 1993 | Active | Curry | Portales | 42,074 | 195 | storage impoundment & land apply | Yes | wastewater impoundment | 16 | 20 | 416 | ND | MW-1 | 25-Aug-09 | 1.6 |
| 934 | South Slope Dairy | 1993 | Active | Curry | Clovis | 225,000 | 344 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 45.6 | 345 | 1475 | 0.6 | MW-2 | 18-Jul-09 | N/A |
| 952 | Rockhill Dairy | 1998 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | wastewater impoundment | 64 | 450 | 3160 | ND | MW-2 | 24-Aug-09 | 12 |
| 957 | Rockhill Dairy | | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | stormwater impoundment | 44 | 310 | 2010 | ND | MW-3 | 24-Aug-09 | 12 |
| 958 | Rockhill Dairy | | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | land application field | 15 | 140 | 1360 | ND | MW-4 | 24-Aug-09 | 12 |
| 963 | Red Roof Dairy | 1993 | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | land application field | 46.1 | 60 | 610 | 0.3 | MW-6 | 6-Feb-09 | 1.9 |
| 985 | Red Roof Dairy | | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | land application field | 18.5 | 40 | 410 | 0.4 | MW-4 | 16-Jul-09 | data not provided |
| 987 | Mitchell Dairy | 1995 | Active | Roosevelt | Portales | 15,000 | 98-133 | storage impoundment & land apply | Yes | wastewater impoundment | 17 | 50 | 550 | ND | MW-2 | 3-Sep-09 | data not provided |
| 1003 | Three Amigos Dairy | 1994 | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | wastewater impoundment | 15 | 330 | 2820 | ND | MW-1 | 22-Sep-09 | 4.9 |
| 1003 | Three Amigos Dairy | | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | wastewater impoundment | 24 | 810 | 4630 | ND | MW-6 | 22-Sep-09 | 4.9 |
| 1003 | Three Amigos Dairy | | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | stormwater impoundment | 17 | 790 | 4380 | ND | MW-2A | 22-Sep-09 | 4.9 |
| 1003 | Three Amigos Dairy | | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | land application field | 12 | 1400 | 4660 | ND | MW-5 | 22-Sep-09 | 4.9 |
| 1004 | Willard Dairy | 1998 | Active | Torrance | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | wastewater impoundment | 15.3 | 300 | 1435 | 1 | MW-1B | 17-Jul-09 | 2.5 |
| 1004 | Willard Dairy | | Active | Torrance | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | stormwater impoundment | 13.2 | 315 | 1535 | 2 | MW-3 | 17-Jul-09 | 2.5 |
| 1025 | Landmark Dairy (Doldersum Dairy) | 1995 | Active | Lea | Lovington | 40,000 | 60 | storage impoundment & land apply | Yes | wastewater impoundment | 58.9 | 260 | 1580 | 1.7 | MW-1 | 30-Sep-09 | 4.1 |
| 1067 | Stepping Stone Dairy | 1996 | Inactive | Roosevelt | Portales | 7,000 | 75 | evaporation impoundment only | Yes | land application field | 10.3 | 490 | 3225 | 0.6 | MW-1 | 28-Jul-09 | not installed |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

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|----------------------------|-----------------------------|----------------------|----------|------------|--------------|--|---|---|---|-------------------------------|--|-------------------------|---------------------------|-------------------|-------------------------|------------------------|--------------------------|
| | | | | | | | | | NO ₃ -N concentration in ground water? | Source Monitored | NO ₃ -N mg/L (as 10.0 mg/L) | Cl mg/L (as 250.0 mg/L) | TDS mg/L (as 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) ID | Sample Collection Date | Upgradient MW No. N mg/L |
| 1131 | Par 5 Dairy and Select Mill | 1997 | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | wastewater impoundment | 12 | 310 | 3320 | ND | MW-2 | 14-Jul-09 | 4 |
| 1131 | Par 5 Dairy and Select Mill | | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | stormwater impoundment | 15 | 400 | 3320 | ND | MW-3 | 14-Jul-09 | 4 |
| 1131 | Par 5 Dairy and Select Mill | | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | land application field | 14 | 610 | 4940 | ND | MW-5 | 14-Jul-09 | 4 |
| 1131 | Par 5 Dairy and Select Mill | | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | land application field | 14 | 570 | 4400 | ND | MW-4 | 4-Nov-08 | ND |
| 1135 | Bos Dairy | btw 1997 and 2000 | Active | Lea | Lovington | 120,000 | 87 | storage impoundment & land apply | Yes | wastewater impoundment | 15.6 | 110 | 735 | 1 | MW-2 | 7-Jul-09 | 8 |
| 1141 | Enchantment Dairy | 1997 | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | stormwater impoundment | 15 | 71 | 2790 | ND | MW-3A | 14-Jul-09 | 3.6 |
| 1141 | Enchantment Dairy | | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | land application field | 61 | 470 | 4800 | ND | MW-5 | 14-Jul-09 | 3.6 |
| 1141 | Enchantment Dairy | | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | land application field | 62 | 630 | 3960 | ND | MW-4A | 14-Jul-09 | 3.6 |
| 1157 | High Plains Dairy | 1997 | Inactive | Roosevelt | Fortales | 60,000 | 108 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 17 | 40 | 830 | 0.2 | MW-2A | 31-Aug-09 | 3.2 |
| 1176 | Jarant Dairy | 1995 | Active | Valencia | Los Lunas | 2,500 | 5 | storage impoundment & land apply | Yes | wastewater impoundment | 14 | 30 | 770 | 1.7 | MW-2 | 6-Mar-07 | 10.8 |
| 1181 | Rasband Dairy | pre 1996 | Active | Valencia | Belen | 1,064 | 35 | storage impoundment & land apply | Yes | wastewater impoundment | 36.55 | 52 | 653 | data not provided | MW-2 | 20-Aug-09 | 1.36 |
| 1195 | Elmira Dairy | 1998 | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | stormwater impoundment | 31.4 | 102 | 860 | 0.5 | MW-5 | 28-Sep-09 | 20.2 |
| 1195 | Elmira Dairy | | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | stormwater impoundment | 41.7 | 94.4 | 894 | 0.3 | MW-6 | 28-Sep-09 | 20.2 |
| 1195 | Elmira Dairy | | Active | Bernalillo | Albuquerque | 9,999 | 108-129 | evaporation impoundment only | Yes | wastewater impoundment | 27.1 | 89.7 | 892 | 0.4 | MW-2 | 28-Sep-09 | 20.2 |
| 1199 | Pala Dairy | 1998 | Active | Curry | Clovis | 160,000 | 410 | storage impoundment & land apply | Yes | wastewater impoundment | 37 | 89 | 842 | ND | MW-1 | 25-Sep-09 | 1.8 |
| 1200 | Milky Way Dairy | 1999 | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | wastewater impoundment | 20 | 2000 | 6490 | ND | MW-1 | 9-Sep-09 | 14 |
| 1200 | Milky Way Dairy | | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | land application field | 18 | 2200 | 6700 | ND | MW-3 | 9-Sep-09 | 14 |

Recent Quarterly Ground Water Data (as of December 2009)

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|----------------------------|------------------------|----------------------|----------|-----------|--------------|--|---|---|---|-------------------------------|---|----------------------------|------------------------------|----------|-------------------------------|------------------------|---------------------------------------|
| | | | | | | | | | NO ₃ -N contamination in ground water? | Source Monitored | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Upgradient MW NO ₃ -N mg/L |
| 1208 | Falcon Dairy | 1954 | Active | Doña Ana | Santa Teresa | 16,945 | 9 | storage impoundment & land apply | Yes | wastewater impoundment | 22 | data not provided | 2659 | J | MW-6 | 29-Sep-09 | 0.2 |
| 1245 | 4 Way Dairy | 2000 | Active | Roosevelt | Portales | 150,000 | 90 | storage impoundment & land apply | Yes | land application field | 29.7 | 30 | 480 | ND | MW-5 | 1-Jul-09 | 18.1 |
| 1246 | Hide-A-Way Dairy | 2000 | Active | Roosevelt | Clovis | 61,250 | 250 | storage impoundment & land apply | Yes | wastewater impoundment | 17.4 | 46 | 460 | ND | MW-2 | 20-Oct-09 | 3.38 |
| 1250 | Sky County Farms | 2005 | Active | Roosevelt | Portales | 90,000 | 128 | storage impoundment & land apply | Yes | land application field | 16 | 72 | 728 | ND | MW-3 | 7-Sep-09 | 11 |
| 1286 | Greenfield Park Dairy | 2000 | Active | Roosevelt | Portales | 40,000 | 145 | storage impoundment & land apply | Yes | wastewater impoundment | 38 | 240 | 1150 | ND | MW-2 | 16-Jul-09 | data not provided |
| 1287 | Lajolla Dairy | 2000 | Active | Roosevelt | Portales | 9,750 | 65 | storage impoundment & land apply | Yes | wastewater impoundment | 35.5 | 265 | 1845 | 1.2 | MW-2 | 27-Feb-09 | data not provided |
| 1299 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | wastewater impoundment | 19 | 32 | 598 | ND | MW-2 | 7-Sep-09 | 0.74 |
| 1309 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | land application field | 12 | 62 | 764 | ND | MW-3 | 7-Sep-09 | 0.74 |
| 1312 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | wastewater impoundment | 13.4 | 50 | 545 | ND | MW-2 | 7-Feb-09 | data not provided |
| 1311 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | land application field | 22.3 | 115 | 745 | ND | MW-3 | 7-Feb-09 | data not provided |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | wastewater impoundment | 49 | 180 | 1510 | ND | MW-4 | 23-Jul-09 | N/A |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | land application field | 14 | 140 | 1070 | ND | MW-5 | 23-Jul-09 | N/A |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | wastewater impoundment | 21 | 35 | 759 | ND | MW-2 | 7-Jul-09 | 16 |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | land application field | 29 | 46 | 912 | ND | MW-3 | 7-Jul-09 | 16 |
| 1350 | Loma Parda Dairy | 2003 | Active | Doña Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | wastewater impoundment | 10.94 | 107.2 | 11.16 | 0.5 | MW-1 | 18-Jan-08 | N/A |
| 1350 | Loma Parda Dairy | 2003 | Active | Doña Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | land application field | 14.79 | 186.3 | 25.94 | 1.3 | MW-3 | 18-Jan-08 | N/A |
| 1377 | Grande Vida Dairy | 2006 | Active | Roosevelt | Portales | 49,500 | 191 | storage impoundment & land apply | Yes | combination ww/sw impoundment | 11.5 | 20 | 375 | 0.2 | MW-2 | 26-Feb-09 | 7.7 |

Recent Quarterly Ground Water Data (as of December 2009)

Table 3: Nitrate-nitrogen concentrations in ground water monitoring wells at dairy facilities

| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume (Gallon per Day) (GPD) | Most Shallow Depth to Water (ft) as of March 2009 | Permitted wastewater management practices: storage, impoundment & land apply | Most Recent Quarterly Ground Water Data (through December 2009) | | | | | | | | |
|----------------------------|-----------------------|----------------------|--------|--------|--------------|---|---|--|---|------------------------|------------------------------------|--------------------|---------------------|----------|-----------------------------|------------------------|---|
| | | | | | | | | | NO ₃ -N contaminant in ground water? | Source Monitored | NO ₃ -N mg/L (0.1 mg/L) | Cl mg/L (500 mg/L) | TDS mg/L (500 mg/L) | TKN mg/L | Monitoring Well/MW Identity | Sample Collection Date | Upgradient MW (NO ₃ -N mg/L) |
| 1391 | Nitt Dairy | 2002 | Active | Butte | Deming | 20,000 | 63-135 | | Yes | wastewater impoundment | 17 | 130 | 1140 | ND | MW-1 | 8-Jul-09 | 3.2 |

