Exhibit Summary

This exhibit contains ground water quality data associated with dairy facilities that are actively discharging wastewater and those that have discharged wastewater in the past but are currently inactive. Of the 168 dairy facilities considered in this exhibit, 144 are currently active and 24 are currently inactive.

The exhibit contains the single highest nitrate-nitrogen concentration in ground water ever documented at each dairy facility. The data does not include the highest concentration associated with each monitoring well; rather it contains only the single highest concentration of nitrate-nitrogen out of all monitored sources at the dairy facility. This is different than the recent quarterly ground water data utilized for NMED Exhibit SKM - 1, which is comprised of nitrate-nitrogen contamination in ground water sampled from multiple monitoring wells associated with multiple sources at each dairy facility.

The laboratory analyses associated with all monitoring well data submitted by dairy facilities is provided in NMED Exhibit SKM - 3.



Historical 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;

- 72 % (121 facilities) have had nitrate-nitrogen contamination in ground water during the history of the facility.
- 24.4 % (41 facilities) have never had documented nitrate-nitrogen contamination in ground water during the history of the facility.
- 3.6 % (6 facilities) have never had a monitoring well(s) to assess the potential impacts on ground water quality from contamination sources at the dairy facility.

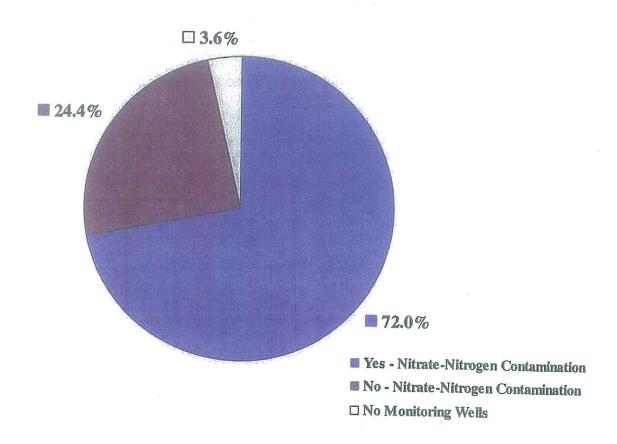


Figure 1: Historical Nitrate-Nitrogen Contamination at Dairy Facilities

Sources of Historical Nitrate-Nitrogen Contamination at Dairy Facilities

Figure 2 below (summarized from the data in Table 2) shows that of the 121 dairy facilities that have historically had nitrate-nitrogen contamination in ground water, the single highest concentration ever reported at each dairy facility is associated with the following sources.

- 52.9 % (64 facilities) have had the single highest nitrate-nitrogen contamination ever reported associated with wastewater impoundments and combination wastewater/stormwater impoundments.
- 37.2 % (45 facilities) have had the single highest nitrate-nitrogen contamination ever reported associated with the land application area.
- 9.9 % (12 facilities) have had the single highest nitrate-nitrogen contamination ever reported associated with stormwater impoundments.

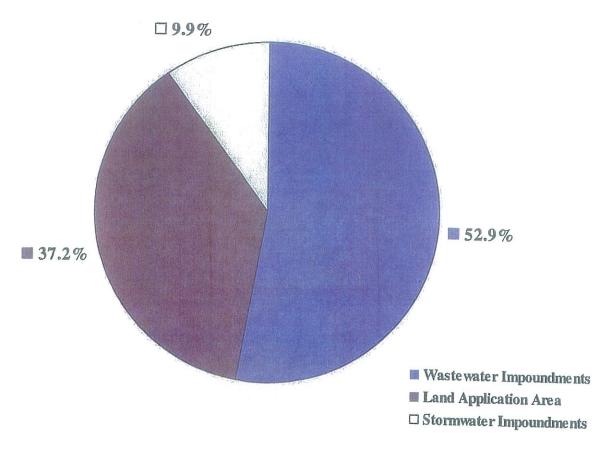


Figure 2: Sources of Historical Nitrate-Nitrogen Contamination at Dairy Facilities

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| | | | | Company of the second | | to Shapping on a sareh storic | contributions are enter to a 400 | | The section of the court on proceedings and | | | | Highest N | NO ₃ -N Reported | in Ground Water | | |
|---------------------------------|--------------------------|----------------------------|----------|-----------------------|--------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|---------------------------|---|
| Discharge Permit No (DP#) | | 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Manitoring Wall (MW) Identity | Sample Collection Date | Source Monitored | Upgradien MW NO ₃ -N mg/L |
| 683 | Top Line Dairy | 1990 | Active | Eddy | Artesia | 550,000 | 18 | storage impoundment & land apply | Yes | 330 | 2300 | 10000 | ND | MW-5 | 26-Jul-07 | land application field | 27 |
| 585 | McCatharn Dairy | 1950's | Active | Bernalillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | 262 | data not | data not provided | data not | MW-I | 17-Mar-98 | wastewater impoundment | ŇA |
| 692 | Del Oro Dairy | 1990 | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | 245 | 560 | 3461 | 3 | DO-3 | 16-Dec-03 | land application | 1,8 |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | 235 | 207 | 3450 | 0,3 | MW-3 | 5-May-97 | stormwater impoundment | 32.8 |
| 170 | Sun Valley Dairy LLC | ~1981 | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | 225 | 880 | 4640 | 1.5 | MW-1 | 16-Jun-00 | wastewater impoundment | data not provided |
| 227 | Queso Grande Dajry | 1982 | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | 220 | N/A | N/A | 1,52 | MW-10 | 28-Mar-01 | land application field | data not provided |
| 70 | Mountain View Dairy | 1980 | Active | Doña Ana | Mesquite | 60,000 | 32-58 | storage impoundment & land apply | Yes | 195 | N/A | N/A | N/A | BR-3 | 19-Sep-89 | land application field | data not provided |
| 74 | Buena Vista 2 | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | 194.5 | 1610 | 4705 | 0.28 | MW-2 | 11-Sep-04 | land application field | 0 . i. |
| 42 | Dominguez Farms II & III | 1978 | Active | Doña Ana | Mesquite | 60,000 | 40 | evaporation impoundment only | Yes | 190 | 1200 | 4900 | N/A | BJZ-9 | 8-Mar-00 | wastewater impoundment | 52 |
| 624 | Dominguez Dairy | 1990 | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | 186.5 | 1195 | data not provided | 0,6 | MW-2 (DM2) | 28-Dec-91 | land application field | not installed |
| 299 | Blackwater Draw Dairy | before 1983 | Inactive | Roosevelt | Portales | 25,000 | 115 | storage impoundment & land apply | Yes | 184 | 125 | 4455 | 0.6 | MW-2 | 8-Jul-01 | stormwater impoundment | N/A |
| 677 | Cheyenne Dairy I and III | 1991 | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | 182.5 | 310 | 3740 | 0.3 | MW-2 | 23-Oct-05 | land application field | 2,7 |
| 257 | Sunset Dairy | 1983 | Active | Doña Ana | Vado | 45,000 | 21-26 | storage impoundment & land apply | Yes | 181 | 1120 | 4952 | 0,8 | 257-1 | 5-Jul-04 | wastewater impoundment | 4.1 |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24,000 | 15-29 | storage impoundment & land apply | Yes | 177 | 104,5 | 1253 | 2,5 | MW-3 | 31-May-91 | wastewater impoundment | 0,55 |
| 86 | Buena Vista Dairy | 1979 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | 164 | N/A | N/A | N/A | 70/86/340-1 | 19-Ѕер-89 | land application field | 6.2 |
| 765 | I&M Dairy | 1994 | Inactive | Eddy | Artesia | 90,000 | 37 | storage impoundment & land apply | Yes | 160 | 220 | 4300 | 2.2 | MW _z 3 | 5-Jul-06 | land application field | 14 |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

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|----------------------------------|-------------------------------------|----------------------------|----------|-----------------|--|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|--|
| Discharge Permit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume Gallons per Day (GPD) | Most shaflow Depth-to- Water (ft) as of March 2009 | Permitted wastewater management practices | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradient MW NO ₃ -N me/L |
| 340 | Bright Star Dairy | 1987 | Active | Dona Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | 159 | 864 | 3780 | 0.14 | MW-2 | 3-Sep-01 | wastewater impoundment | 61.5 |
| 487 | Baca Linda Dairy | 1987 | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | 150 | 910 | 5000 | ND | MW-3A | 20-Nov-06 | stormwater inspoundment | 24 |
| 1203 | Beaty Dairy | mid 1940's | Active | Chaves | Artesia | 14,000 | 41 | storage impoundment & land apply | Yes | 148 | 660 | 7195 | 5* | MW-2 | 10-Aug-07 | wastewater impoundment | 5,6 |
| 343 | Tom Visser Dairy | 1984 | Active | Chaves | Roswell | 60,000 | 10 | storage impoundment & land apply | Yes | 146.7 | 1020 | 6290 | 0.6 | East MW | 19-Jul-07 | land application field | 27 |
| 259 | RockView Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | 136,2 | 375 | 18.05 | 0.8 | MW-7R | 8-Jul-09 | wastewater impoundment | 3.1 |
| 764 | Arroyo Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | 134.3 | 900 | 5140 | 0.7 | MW-1A | 4-Dec-05 | land application | 60.4 |
| 791 | 3-V Dairy | 1992 | Active | Chaves | Roswell | 120,000 | 10 | storage impoundment & land apply | Yes | 130 | 240 | 3900 | ND | MW-4 | 21-Apr-09 | land application field | N/A |
| 833 | Big Sky/Desertland Dairy | 1992 | Active | Дола Апа | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | 129.4 | 935 | 2800 | 50.8 | 833-08 | 21-Jun-08 | stormwater impoundment | 16.4 |
| 533 | Dandee Dairy | 1988 | Active | Chaves | Dexter | 27,000 | 24-90 | storage impoundment & land apply | Yes | 127 | 28,3 | data not provided | 2.7 | MW-2 | 2-Aug-94 | stormwater impoundment | 1.89 |
| 898 | Bonestroo Dairy LLC | 1993 | Active | Rooseveli | Portales | 43,000 | 60 | evaporation impoundment only- | Yes | 1,811 | 115 | 1460 | - 0.7 | MW-4 | 2-Aug-05 | combination ww/sw impoundment | 5.8 |
| 207 | Nature's Dairy Inc | 1982 | Active | Chaves | Roswell | 84,000 | 14-17 | storage impoundment & land apply | Yes | 110 | 2000 | 7500 | ND | MW-4 | 25-Mar-09 | land application field | data not provided |
| 228 | New Horizon Dairy | 1982 | Inactive | Chaves | Roswell | 120,000 | 29 | storage impoundment & land apply | Yes | 110 | 190 | 4775 | 0,7 | MW-3 | 2-Jun-01 🍻 | land application field | data not provided |
| 554 | Break-Away Dairy | 1988 | Active | Chaves | Roswell | 35,000 | 13 | storage impoundment & land apply | Yes | 110 | 880 | 3800 | ND | MW-3 | 20-Aug-08 | land application field | 7.1 |
| 893 | Los Lunas Correctional Center Dairy | pre 1992 | Inactive | Valencia | Los Lunas | 6,300 | 36 | storage impoundment & land apply | Yes | 110 | 165 | 1800 | 2,49 | MW-3 | 23-Jul-02 | wastewater impoundment | 74 |
| 1141 | Enchantment Dairy | 1997 | Active | Chaves | Lake Arthur | 128,000 | 10 | storage impoundment & land apply | Yes | 110 | 830 | 5800 | ND | MW-5 | 11-Dec-07 | land application field | 2.4 |
| 163 | Pirtle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | 108 | 365 | 3285 | 0.6 | MW-4 | 26-Dec-02 | land application field | 22.8 |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| | | | | | America. | and a company of the special base of the | ria se salaba | Karama katawa ka ma | | | | i | Highest N | O ₁ -N Reported i | n Ground Water | | |
|----------------------------------|----------------------------------|----------------------------|----------|-----------|--------------|--|---|--|--|--|--|--|-------------------|-------------------------------------|------------------------------|-------------------------------------|-------------------------------------|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradi MW NO ₃₋ N |
| 1181 | Rasband Dairy | pre-1996 | Active | Valencia | Belen | 1,064 | 35 | storage impoundment & land apply | Yes | 107.6 | 46 | 794 | data not provided | MW-2 | 7-Apr-03 | wastewater impoundment | 5.36 |
| 718 | De Groot Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 15-26 | storage impoundment & land apply | Yes | 99.6 | 2500 | 8455 | ı | MW-3 | 4-Dec-05 | land application field | 16.1 |
| 208 | Oasis Dairy | 1982 | Inactive | Chaves | Roswell | 64,000 | 28 | storage impoundment & land apply | Yes | 98.7 | 600 | 5190 | 10.7 | MW-3 | 28-Apr-09 | stormwater impoundment | 11.8 |
| 177 | Gonzalez Dairy | 1981 | Active | Doña Ana | Mesquite | 49,000 | 14 | storage impoundment & land apply | Yes | 96.9 | 1440 | 5100 | 3,36 | MW-2 | 1-Dec-06 | land application field | 30.6 |
| 762 | High Lonesome Dairy | 1991 | Active | Lea | Hobbs | 60,000 | 99 | storage impoundment & land apply | Yes | 96.4 | 290 | 1940 | 16.8 | MW-2,S | 19-Apr-00 | combination ww/sw impoundment | N/A |
| 1025 | Landmark Dairy (Doldersum Dairy) | 1995 | Active | Lea | Lovington | 40.000 | 60 | storage impoundment & land apply | Yes | 89.2 | 210 | 1435 | 1.8 | MW-I | 8-Jul-09 | wastewater impoundment | 3,8 |
| 167 | River Valley Dairy | ~1981 | Active | Doña Ana | Mesquite | 35,000 | į i | storage impoundment & land apply | Yes | 85.9 | 980 | 4245 | 1 | MW-5 | 8-Mar-03 | land application | 38 |
| 738 | El Visto Dairy 2 | 1991 | Active | Chaves | Dexter | 55,000 | 97 | storage impoundment & land apply | Yes | 74 | 230 | 3400 | ND. | MW-3 | 19-Nov-06 | wastewater impoundment | data not |
| 913 | Creekside Dairy | 1993 | Active | Eddy | Lake Arthur | 56,000 | 29-75 | storage impoundment & land apply | Yes | 73.2 | 160 | 3920 | 0.9 | MW-3 | 29-Oct-04 | land application field | . 17.9 |
| 190 | Othart Dairy | 1982 | Active | Socorro | Veguita | 8,000 | 66 | evaporation impoundment only | Yes | 71 | 77 | 1300 | ND | MW | 12-May-04 | wastewater impoundment | N/A |
| 951 | Brand West Dairy | 1995 | Inactive | Lea | Lovington | 99,990 | 82 | storage impoundment & land apply | Yes | 67.5 | 150 | 1110 | ND | MW-3 | 6-Apr-06 | land application field | N/A |
| 1208 | Tallmon Dairy | 1954 | Active | Doña Ana | Santa Teresa | 16,945 | 9 | storage impoundment & land apply | Yes | 67.5 | 560 | 3691 | 1 | MW-6 | 9-Sep-07 | wastewater impoundment | 0,1 |
| 952 | Rockhill Dairy | 1998 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | 67 | 500 | 3200 | ND | MW-2 | 12-May-08 | wastewater impoundment | 9,1 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Ѕосоно | Veguita | 5,000 | 70 | evaporation impoundment only | Yes | 65 | 34 | 698 | ND | MW-1 | 29-Jan-93 | wastewater inipoundment | data not |
| 606 | Dexter Dairy | 1989 | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | 64 | 200 | 2700 | ND | MW-1 | 25-Aug-08 | land application field | 8,6 |
| 595 | Back Nine Dairy | before 1988 | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | 63.7 | 340 | 1980 | 0.8 | MW-6 | 16-Apr-09 | stormwater impoundment | data not |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| and constitution | | E Community | andra andra. | | | I Commence | Control Signature | James Commence | naturalist contactors and assessed | | | | Highest N | 103-N Reported i | n Ground Water | | |
|----------------------------------|----------------------------|----------------------------|--------------|------------|--------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|-----------------------------------|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradient MW NO3-N mp/L |
| 904 | Wild West Farms | 1993 | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | 62 | 390 | 3600 | ND | MW-1A | 16-Sep-04 | wastewater impoundment | data not |
| 162 | Yorktown Dairy | -1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | 61.2 | 305 | 3735 | 0.5 | MW-2 | 6-Apr-03 | combination ww/sw impoundment | not installed |
| 699 | Ruch Dairy | est,1991 | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | 60.4 | 190 | 1435 | 1.7 | MW-I | 12-Jul-07 | wastewater impoundment | 0.18 |
| 742 | Breedyk Dairy | 1991 | Active | Chaves | Dexter | 92,000 | 51 | storage impoundment & land apply | Yes | 58 | 860 | 4400 | ND | MW-2 | 29-Oct-07 | wastewater impoundment | 8,1 |
| 1195 | Elmira Dairy | 1998 | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | 57.2 | 281 | 4470 | 0.5 | MW-4 | 4-Apr-07 | wastewater impoundment | data not |
| 646 | Rio Vista Dairy | 1989 | Inactive | Chaves | Roswell | 60,000 | 20-30 | storage impoundment & land apply | Yes | 54.4 | 2490 | 7220 | 2.7 | MW-East | 25-Jun-91 | wastewater impoundment | N/A |
| 1287 | Lajolla Dairy | 2000 | Active | Roosevelt | Portales | 9,750 | 65 | storage impoundment & land apply | Yes | 53.4 | 315 | 1875 | 1.6 | MW-2 | 5-Oct-07 | wastewater impoundment | 4.7 |
| 1032 | Bosque Dairy | 1993 | Active | Ѕосопо | Bosque | 3,000 | 48 | evaporation impoundment only | Yes | 50 | 150 | 1800 | " ND | MW-3 | 22-Jan-09 | wastewater impoundment | N/A |
| 734 | Cottonwood Springs Dairy I | -1991 | Active | Eddy | Lake Arthur | 84,000 | 25 | storage impoundment & land apply | Yes | 49.9 | 490 | 4505 | 6.8 | MW-3 | 12-Jan-02 | stormwater impoundment | 37.8 |
| 635 | Woodcrest Dairy | 1989 | Active | Chaves | Roswell | 1001000 | 8-15 | storage impoundment & land apply | Yes | 49.3 | -1000 | 5815 | 1.4 | MW-3 | 23-Jul-05 | stormwater impoundment | 4.1 |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | 49 | 180 | 1510 | ND | MW-4 | 23-Jul-09 | wastewater impoundment | N/A |
| 921 | Flecha Dairy | 1994 | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | 48 | 76 | 2900 | ND | MW-2A | 3-Dec-08 | combination ww/sw impoundment | 23 |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | 47 | 180 | 1660 | ND | MW-1AA | 13-Jul-09 | wastewater impoundment | 2.5 |
| 963 | Red Roof Dairy | 1998 | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | 46.1 | 60 | 610 | 0,3 | MW-6 | 6-Feb-09 | land application | 1,9 |
| 1003 | Three Amigos Dairy | 1994 | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | 46 | N/A | N/A | 1.37 | MW-1 | 21-Mar-01 | wastewater intpoundment | data not provided |
| 934 | South Slope Dairy | 1993 | Active | Ситу | Clovis | 225,000 | 344 | storage impoundment & land apply | · Yes | 45.6 | 345 | 1475 | 0.6 | MW-2 | 18-Jul-09 | combination ww/sw impoundment | N/A |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| er en er er er er er er er er | of the said of the Control (1997) and the Con | | | AMERICA HILLONDONIA | Tarana and American | | | | e discontinue de la companya de la c | | ı | l e | Highest | NO ₃ -N Reported i | n Ground Water | | |
|---------------------------------|--|----------------------------|--------|---------------------|---------------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|-----------------------------------|
| Discharge Permit No (DP#) | | 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 | Ever had NO ₃ -N contamination in ground water? | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (sid = 250.0 me/L) | TDS mg/L (std = 1000.0 mg/L) | TKN me/L | Manitoring Well (MW) Identity | Sample Collection Date | Source Monitored | Upgrad MW NO ₃ - |
| 707 | Vaz Dairy | 1991 | Active | Chaves | Roswell | 100,000 | 15-25 | storage impoundment & land apply | Yes | 45 | 5700 | 12000 | st ND | MW-4 | 24-Jun-06 | land application field | 32 |
| 461 | Beestra Family Dairy | Prior 1984 | Active | Lea | Hobbs | 40,000 | 65 | storage impoundment & land apply | Yes | 44.3 | data not provided | 718 | 11,18 | Monitor Well | 9-Aug-91 | wastewater impoundment | N/A |
| 1286 | Greenfield Park Dairy | 2000 | Active | Roosevelt | Portales | 40,000 | 145 | storage impoundment & land apply | Yes | 42.1 | 39.6 | 366 | ND | MW-3 | 28-Feb-08 | land application field | 2,18 |
| 706 | Rajen Dairy | 1992 | Active | Clurry | Clovis | 200,000 | 291 | storage impoundment & land apply | Yes | 42 | 100 | 930 | ND | JAR#1 | 23-Sep-92 | stormwater impoundment | 7 |
| 804 | Sunshine Dairy-Dexter | 197/8 | Active | Chaves | Roswell | 24,000 | 30 | storage impoundment & land apply | Yes | 41 | 720 | 3590 | 0.4 | MW-2 | 30-Sep-03 | wastewater impoundment | N/A |
| 1233 | Mickey's Dairy | 1997 | Active | Bernalillo | Albuquerque | 3,000 | 12 | evaporation impoundment only | Yes | 40.2 | 110 | 1180 | 0,9 | MW-2 | 5-Jul-05 | wastewater impoundment | 5.1 |
| 1199 | Palla Dairy | 1998 | Active | Curry | Clovis | 160,000 | 410 | storage impoundment & land apply | Yes | 39.8 | 111 | 847 | ND | MW-1 | 21-Jun-07 | wastewater impoundment | 2.02 |
| 1136 | Heritage Dairy | 1997 | Active | Curry | Clovis | 100,000 | 230 | storage impoundment & land apply | Yes | 36.6 | 155 | 890 | 1.3 | MW-3 | 26-Jun-06 | combination ww/sw impoundment | not installe |
| 1245 | 4-Way Dairy | 2000 | Active | Roosevelt | Portales | 150,000 | 90 | storage impoundment & land apply | Yes | 34.8 | 30 | 415 | ND | MW-5 | 5-Mar-09 | land application | 21.5 |
| 633 | Greenfield Dairy | ~1989 | Active | Chaves | Dexter | 80,000 | 106 | storage impoundment & land apply | Yes | 34,5 | 275 | 1945 | 0.7 | MW-2 | 30-Nov-05 | wastewater impoundment | not installe |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | 34 | 48 | 920 | ND | MW-3 | 31-Jan-08 | land application field | 23 |
| 480 | Double Aught Dairy | 1987 | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | 33.4 | 420 | 3550 | 0,4 | MW-3 | 18-Mar-01 | wastewater impoundment | data not |
| 689 | P-2 Dairy | 1990 | Active | Chaves | Dexter | 90,000 | 35-75 | storage impoundment & land apply | Yes | 31.7 | 940 | 5020 | ND | MW-3 | 19-Aug-05 | land application field | 3,2 |
| 568 | Vanderploeg Dairy | 1988 | Active | Bernalillo | Albuquerque | 2,000 | 70 | evaporation impoundment only | Yes | 31 | 86 | 870 | ND | MW-West | 6-May-09 | wastewater impoundment | N/A |
| 1246 | Hide-A-Way Dairy | 2000 | Active | Roosevelt | Clovis | 61,250 | 250 | storage impoundment & land apply | Yes | 28 | 89.4 | 487 | ND | MW-3 | 21-Aug-07 | land application field | 3.04 |
| 7.37 | Parkland Datry | 1992 | Active | Roosevelt | Portales | 15,000 | 80 | storage impoundment & land apply | Yes | 27.8 | 290 | 1865 | 0,4 | MW-2 | 14-Nov-05 | wastewater impoundment | N/A |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| | | Elif Santable visit | Market Comment | | 10.000 and an array | Transaction and account | A CONTRACTOR OF THE PARTY OF TH | day. | 1 | | | I | Highest N | NO ₁ -N Reported i | n Ground Water | | |
|----------------------------------|-----------------------------|----------------------------|----------------|-----------|---------------------|--|--|--|---|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|-----------------------------------|
| 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 | Ever had NO ₃ N contamination in ground water? | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (std = 250.0 mg/L) | TDS mg/L (sid = 1000.0 mg/L) | TKN mg/L | Monitoring Welt (MW) Identity | Sample Collection Date | Source Monitored | Upgrad MW NO ₃ 1 |
| 932 | Midway Dairy | 1993 | Active | Ситу | Portales | 42,074 | 195 | storage impoundment & land apply | Yes | 27 | 30 | 518 | ND | MW-I | 14-May-09 | wastewater impoundment | 1.7 |
| 1135 | Bos Dairy | btw 1997 and 2000 | Active | Lea | Lovington | 120,000 | 87 | storage impoundment & land apply | Yes | 26.9 | 185 | 1120 | 1.6 | MW-2 | 2-Jan-08 | wastewater impoundment | 4.8 |
| 537 | Van Dam Dairy | 1987 | Active | Roosevelt | Portales | 35,463 | 90 | storage impoundment & land apply | Yes | 26.1 | 373 | 2380 | 0.5 | MW-2 | 21-Aug-07 | wastewater impoundment | 8.97 |
| 1200 | Milky Way Dairy | 1999 | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | 26 | 1500 | 5500 | ND | MW-1 | 23-Oct-06 | wastewater impoundment | 16 |
| 1312 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | 25,4 | 95 | 580 | ND | MW-3 | 13-May-08 | land application field | data no |
| 796 | Cornerstone Dajty | 1991 | Active | Eddy | Artesia | 90,000 | 46 | storage impoundment & land apply | Yes | 24 | 98 | 3800 | ND | MW-7 | 23-Oct-07 | land application field | N/A |
| 384 | Philmar Dairy | 1985 | Active | Rooseveli | Portales | 40,000 | 80-103 | storage impoundment & land apply | Yes | 23.4 | 310 | 2045 | 0.4 | MW-2 | 4-Jan-06 | wastewater impoundment | 13,9 |
| 727 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | 23 | 140 | 2200 | ND | MW-3 | 15-Oct-09 | land application field | ND |
| 1250 | Sky County Farms | 2005 | Active | Roosevelt | Portales | 90,000 | 128 | storage impoundment & land apply | Yes | 23 | 77 | 704 | ND | MW-3 | 30-Jul-07 | land application field | 13 |
| 909 | Tee Vee Dairy | 1993 | Active | Lea | Hobbs | 48,000 | 76 | storage impoundment & land apply | Yes | 22.6 | 100 | 725 | 0,8 | MW-4 | 12-Jul-07 | wastewater impoundment | 3,1 |
| 797 | Chevenne Dairy 2 | 1992 | Active | Chaves | Roswell | 80,000 | 110-117 | storage impoundment & land apply | Yes | 22.5 | 125 | 1720 | ND | MW-2 | 22-Jul-05 | stormwater impoundment | 0.37 |
| 703 | Desperado Dairy | 1990 | Active | Curry | Clovis | 48,000 | 350 | storage impoundment & land apply | Yes | 21.9 | 125 | 770 | ND | MW-1 | 6-Jun-00 | combination ww/sw impoundment | data not |
| 1131 | Par 5 Dairy and Select Milk | 1997 | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | 21,3 | 440 | 3960 | 0,4 | MW-3 | 22-Jul-05 | stormwater impoundment | 5.2 |
| 1391 | Nut Dairy | 2002 | Active | Luna | Deming | 20,000 | 65-135 | storage impoundment & land apply | Yes | 21.1 | 138 | 1030 | 0,3 | MW-1 | 23-Apr-03 | wastewater impoundment | 2.24 |
| 717 | Epicenter Dairy | 1993 | Inactive | Chaves | Hagerman | 48,000 | 145 | storage impoundment & land apply | Yes | 21 | 400 | 3000 | ND | MW-3A | 29-Feb-08 | land application field | 4.7 |
| 1299 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | 20 | 26 | 476 | ND | MW-2 | 20-Dec-07 | wastewater impoundment | 15 |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| | # 15 m | | | 1 | | le de la companya de | 1 5 | garan da | | | | 1 | Highest N | IO ₄ -N Reported i | Ground Water | | |
|----------------------------------|---------------------------|----------------------------|----------|-----------|--------------|---|---|--|--|--|---|--|-------------|-------------------------------------|------------------------------|-------------------------------------|--|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradie MW NO ₃ -N mg/L |
| 667 | H and R Westra Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 45 | storage impoundment & land apply | Yes | 19,9 | 15 | 300 | ND | MW-4 | 4-May-06 | land application | 2 |
| 1157 | High Plains Dairy | 1997 | Inactive | Roosevelt | Portales | 60,000 | 108 | storage impoundment & land apply | Yes | 19.6 | 50 | 790 | 0.2 | MW-2A | 10-Mar-09 | combination ww/sw impoundment | 3.1 |
| 546 | Caballo Dairy Inc | 1931 | Active | Sierra | Агтеу | 72,000 | 10 | storage impoundment & land apply | Yes | 18 | 190 | 1400 | 2,2 | MW-I | 4-Aug-06 | wastewater impoundment | data not |
| 1034 | Edeal Dairy | 1995 | Active | Valencia | Los Lunas | 35,000 | 6 | storage impoundment & land apply | Yes | 18 | 84 | 726 | 0.62 | MW-4 | 12-Sep-97 | land application | N/A |
| 753 | Brouwer Dairy | 1991 | Active | Roosevelt | Portales | 24,000 | 87 | storage impoundment & land apply | Yes | 17.4 | 140 | 945 | 0,3 | MW-2 | 4-Jan-06 | wastewater impoundment | 8,5 |
| 1001 | James Idsinga & Son Dairy | 1995 | Active | Сшту | Portales | 32,000 | 225 | storage impoundment & land apply | Yes | 16.6 | 10 | .435 | ND | MW-A | 29-Nov-00 | land application field | 0.9 |
| 1176 | Jarratt Dairy | 1995 | Active | Valencia | Los Lunas | 2,500 | 5 | storage impoundment & land apply | Yes | 16,6 | 36.2 | 854 | 2 | MW-2 | 21-Feb-07 | wastewater impoundment | 12.1 |
| 772 | Othart Dairy 2 | 1991 | Active | Socorro | Veguita | 7,500 | 70 | evaporation impoundment only | Yes | 16,5 | data not provided | data not provided | 0,2 | MW-N | 15-Feb-06 | wastewater impoundment | N/A |
| 1350 | Loma Parda Dairy | 2003 | Active | Doña Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | 16.44 | 248.4 | 1922 | 2,4 | MW-I | 19-Apr-05 | wastewater impoundment | N/A |
| 1154 | Saltridge Dairy | 1997 | Active | Rooseveli | Portales | 30.000 | 72 | storage impoundment & land apply | Yes | 16,4 | 940 | 3070 | 2,3 | MW-2 | 24-Jun-05 | wastewater impoundment | 5.8 |
| 1277 | El Dorado Dairy | 2000 | Active | Curry | Clovis | 95,000 | 317 | storage impoundment & land apply | Yes | 15.5 | 85 | 560 | 0,2 | MW-2 | 7-Apr-09 | wastewater impoundment | 2,5 |
| 1004 | Willard Dairy | 1998 | Active | Torrance | Willard | 80,000 | 100 | storage impoundment & land apply | Yes | 15,3 | 300 | 1435 | | MW-IB | 17-Jul-09 | wastewater impoundment | 2,5 |
| 1067 | Stepping Stone Dairy | 1996 | Inactive | Roosevelt | Portales | 7,000 | 75 | evaporation impoundment only | Yes | 14,9 | 285 | 3625 | ND | MW-1 | 22-Mar-07 | land application field | N/A |
| 826 | Anderson Dairy 2 | 1992 | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | 13.8 | 140 | 1005 | ND | MW-4 | 2-Aug-05 | wastewater impoundment | 12 |
| 666 | Western Star Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | 13.1 | 230 | 1570 | ND | MW-5 | 5-Oct-07 | wastewater impoundment | Not installed |
| 1559 | Rocky Top Dairy | 2006 | Active | Lea | Lovington | 60,000 | 77 | storage impoundment & land apply | Yes | 13 | 20 | 315 | ND | MW-3 | 28-Nov-08 | land application field | N/A |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| i de la socialita | | Carrier and the second | Arriva Length | eration and the later | A | | r market skilling and a | Control of the Control | | | | | Highest l | NO3-N Reported in | n Ground Water | | |
|----------------------------------|-----------------------|----------------------------|---------------|-----------------------|--------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|---|
| 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 | Ever had NO ₃ -N contamination in ground water? | NO ₃ -N mg/L (std = 10.0 mg/L) | Cl mg/L (sid = 250.0 mg/L) | TDS mg/L (std = 1000.0 mg/L) | TKN mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Source Monitored | Upgradier MW NO ₃ -N mg/L |
| 1332 | Opportunity Dairy | 2004 | Active | Rooseveli | Clovis | 65,000 | 271 | storage impoundment & land apply | Yes | 12,9 | 45 | 695 | 0,2 | MW-3 | 19-Jun-07 | land application field | 1,6 |
| 514 | Amistad Dairy | 1988 | Active | Roosevelt | Portales | 6,000 | 90 | evaporation impoundment only | Yes | 12.8 | 190 | 1200 | 0.3 | MW-2 | 23-Jun-09 | land application | 7,2 |
| 911 | Chalk Hill Dairy | before 1992 | Inactive | Roosevelt | Portales | 1,250 | 90 | direct land apply | Yes | 11,7 | 345 | 1815 | ND | MW-3 | 23-Sep-05 | land application field | 8.4 |
| 1288 | Sunwest Dairy | 2001 | Active | Сшту | Clovis | 60,000 | 300 | storage impoundment & land apply | Yes | 11.7 | 136 | 595 | ND | MW-3 | 5-Dec-03 | land application field | 7 |
| 346 | Abarca Dairy | 1984 | Inactive | Roosevelt | Portales | 2,500 | 70 | storage impoundment & land apply | Yes | 11.5 | 100 | 855 | 0,4 | MW-1 | 21-Feb-03 | wastewater impoundment | 10.7 |
| 1377 | Grande Vida Dairy | 2006 | Active | Roosevelt | Portales | 49,500 | 191 | storage impoundment & land apply | Yes | 11,5 | 20 | 375 | 0.2 | MW-2 | 26-Feb-09 ∞ | combination ww/sw impoundment | 7.7 |
| 195 | Heraa Dairy | 1982 | Inactive | Socorro | Veguita | 3,000 | 32 | evaporation impoundment only | Yes | 11.4 | 344 | 1680 | 73.7 | MW-1 | 20-Dec-05 | wastewater impoundment | N/A |
| 926 | Carter's Milk Factory | 1992 | Inactive | Roosevelt | Portales | 64,000 | 110 | storage impoundment & land apply | Yes | 10,7 | 620 | 715 | 0.2 | MW-4 | 20-Jan-06 | land application field | 3.6 |
| 1423 | Sanderest Dairy | 2006 | Active | Curry | Portales | 65,000 | 108 | storage impoundment & land apply | Yes | 10.5 | 42 | 400 | 0.3 | MW-2 | 10-Mar-09 | combination ww/sw impoundment | N/A |
| 390 | Bright Horizon Dairy | 1985 | Active | Roosevelt | Causey | 6,000 | 150 | direct land apply | no MWs | i i | | - | | | | | 1 |
| 888 | Woods Dairy | 1992 | Inactive | Lea | Lovington | 5,000 | 65 | direct land apply | no MWs | | | | | | | | |
| 1091 | Native Pastures Dairy | 1996 | Active | Сшту | Clovis | 2,000 | 2,30 | direct land apply | no MWs | | | | | | | | |
| 1323 | Brand West Dairy 2 | 2007 | Active | Lea | Lovington | 99,900 | 65-75 | storage impoundment & land apply | no MWs | 10 mm | | | | | | | ************************************** |
| 1379 | Cross Country Dairy | 2005 | Active | Curry | Clovis | 75,000 | 390 | storage impoundment & land apply | no MWs | 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 | | 17 | | | | | |
| 1578 | Hide A Way Dairy 2 | 2008 | Active | Curry | Clovis | 61,250 | 250 | storage impoundment & land apply | по MWs | | | | | | | | |
| 1251 | Crosswinds Dairy | 1999 | Active | Roosevelt | Portales | 50,000 | 160 | storage impoundment & land apply | No | 28.9 | 46 | 545 | ND | MW-2 | 29-May-03 | wastewater impoundment | 42,4 |
| 987 | Mitchell Dairy | 1995 | Active | Roosevelt | Portales | 15,000 | 98-133 | storage impoundment & land apply | No. | 19.2 | 45 | 460 | 0.2 | MW-2 | 5-Mar-09 | wastewater impoundment | 28,1 |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| A STANSON | | | eri erra sallinaa jana 1800 | | 1 | | in the second se | valore i silvi mis replicação aptrova a más d | n to the tradition are being the band have a state to print | | i e | 1 | Highest | NO3-N Reported | in Ground Water | | |
|----------------------------------|-----------------------|----------------------------|-----------------------------|-----------|--------------|--|--|--|--|--|--|--|----------|-------------------------------------|------------------------------|-------------------------------------|--------------------------------|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgra M\ NO ₃ |
| 880 | W-Diamond Dairy | 1992 | Active | Roosevelt | Portales | 49,999 | 75 | evaporation impoundment only | No | 10 | 260 | 1850 | ND | MW-6 | 13-Jul-09 | combination ww/sw impoundment | 5. |
| 923 | Faria Dairy | in or before 1984 | Inactive | Lea | Lovington | 49,900 | 77 | storage impoundment & land apply | No | 9,6 | 155 | 720 | 0,5 | MW-3 | 18-Feb-02 | wastewater impoundment | 0. |
| 851 | Highland Dairy | 1994 | Active | Curry | Clovis | 67,500 | 250 | storage impoundment & land apply | No | 8.5 | 85 | 640 | 0.5 | MW-2 | 6-Feb-09 | land application field | N/A |
| 865 | Pareo Dairy | prior to 1984 | Active | Socorro | Veguita | 11,000 | 30 | evaporation impoundment only | No o | 8,2 | 56 | 970 | ND | MW-4 | 14-Mar-07 | wastewater impoundment | 0.7 |
| 1315 | J-Lu Dairy | 2002 | Active | Roosevelt | Portales | 85,000 | 118 | storage impoundment & land apply | No | 7,8 | 30 | 425 | ND | MW-2 | 23-Feb-09 | wastewater impoundment | 0.6 |
| 1346 | Ridgecrest Dairy | 2002 | Active | Curry | Texico | 87,500 | 375 | storage impoundment & land apply | No | 7.5 | 125 | 565 | ND | MW-1 | 11-Feb-06 | land application | 7.3 |
| 1413 | Stark Dairy | 2003 | Active | Curry | Clovis | 109,250 | 400 | storage impoundment & land apply | No | 7.46 | 7 | 281 | ND | MW-3 | 8-Dec-06 | land application field | 1,5 |
| 1455 | Route 77 Dairy | 2007 | Active | Curry | Clovis | 90,000 | 314 | storage impoundment & land apply | No | 7.4 | 30 | 405 | 0.6 | MW-3 | 20-Aug-09 | land application | 11.0 |
| 1257 | Mariposa Farms Dairy | 1999 | Inactive | Roosevelt | Causey | 30,000 | 110 | direct land apply | No | 6.7 | 230 | 1195 | ND | MW-2 | 9-Oct-03 | land application field | not install |
| 1026 | Mid Frisian Dairy | 2000 | Active | Curry | Clovis | 40,000 | 335 | storage impoundment & land apply | No | 6.6 | 48 | 435 | ND | MW-2 | 19-May-04 | stormwater impoundment | 2,2 |
| 1531 | Arch Diamond | 2007 | Active | Roosevelt | Portales | 65,000 | 75 | storage impoundment & land apply | No | 6,6 | 40 | 480 | 0.5 | MW-3 | 24-Sep-09 | land application field | 5 |
| 956 | Day Star Dairy | 1994 | Active | Ситу | Clovis | 74,000 | 280 | storage impoundment & land apply | No | 5.15 | 286 | 990 | 8.0 | MW-2 | 9-Apr-96 | land application field | 1.07 |
| 1061 | Vergeer Dairy | 1995 | Inactive | Valencia | Los Lunas | 2,600 | 5 | evaporation impoundment only | No | 5.02 | 80.5 | 841 | 1 | MW-South | 24-Oct-01 | land application field | 5.02 |
| 1553 | Arrowhead Dairy | 2007 | Active | Curry | Clovis | 70,000 | 205-220 | storage impoundment & land apply | No | 4.9 | 110 | 600 | 1 | MW-4 | 28-Jul-09 | land application field | 2,2 |
| 878 | Rajen Dairy II | 1/993 | Active | Ситу | Clovis | 72,000 | 310 | storage impoundment & land apply | No | 4,8 | 68 | 520 | ND. | MW-2 | 31-Mar-09 | land application field | N/A |
| 1320 | Clover Knolls | 2003 | Active | Roosevelt | Texico | 124,000 | 160 | storage impoundment & land apply | No | 4,4 | 7.6 | 270 | ND | MW-1 | 13-Feb-08 | combination ww/sw impoundment | N/A |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| | | | 1 | | | | | Adams and the second | | | ľ | li i | Highest | NO ₃ -N Reported i | n Ground Water | 4 | |
|----------------------------------|------------------------------------|----------------------------|----------|-----------------|--------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|--------------------------------------|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradic MW NO ₃ -N |
| 115 | Jones Dairy, Inc. | 1979 | Active | Valencia | Veguita | 18,000 | 116 | evaporation impoundment only | No | 4.1 | 8.44 | N/A | ND | MW-C | 4-Dec-00 | combination ww/sw impoundment | 2.09 |
| 1517 | Sunridge Dairy | 2008 | Active | Roosevelt | Portales | 75,000 | 360 | storage impoundment & land apply | No | 4.1 | 20 | 385 | ND | MW-3 | 5-Mar-09 | land application field | 33 |
| 1477 | HAW Farms | 2005 | Active | Socorro | Becker | 7.000 | 360 | evaporation impoundment only | No | 4 | . 15 | 680 | ND | MW-2 | 10-Apr-07 | combination ww/sw impoundment | 1.2 |
| 988 | Boyd Brothers Inc. Dairy | 1996 | Active | Lea | Lovington | 3,000 | 93 | direct land apply | No | 3,8 | 50 | 500 | 0,2 | Test | 12-Aug-08 | sump | 4,3 |
| 1197 | Rajen Dairy III | 2000 | Active | Chirry | Clovis | 160,000 | 260 | storage impoundment & land apply | No | 3.6 | 12 | 358 | ND | MW-4 | 5-Jul-09 | land application field | 0.46 |
| 1268 | Dixieland | 2001 | Inactive | Lea | Lovington | 45,000 | 70 | storage impoundment & land apply | No | 3,6 | 70 | 735 | ND | MW-2 | 11-Jul-07 | wästewater impoundment | 2.3 |
| 1194 | Handley Dairy | early 1970's | Active | Socorro | Veguita | 6,150 | 12 | storage impoundment & land apply | No | 3.4 | 25 | 430 | ND | Lagoon Well | 21-Jul-08 | wastewater impoundment | 2,4 |
| 1475 | Dutch Valley Farms | 2006 | Active | Curry | Clovis | 99,000 | 428 | storage impoundment & land apply | No | 3,3 | 35 | 340 | ND | MW-2 | 30-Jul-09 | wastewater impoundment | 3.3 |
| 1265 | Furner Dairy | 1999 | Active | Дола Апа | Hatch | 15,000 | 250 | evaporation impoundment only | No | 3.2 | 17.3 | 607 | 4.1 | MW-I | 19-Jan-00 | wastewater impoundment | N/A |
| 1168 | Goff Dairy | 1998 | Active | Lea | Lovington | 160,000 | 60 | storage impoundment & land apply | No | 3 | 40 | 390 | ND | MW-2A | 16-May-08 | wastewater impoundment | 3.9 |
| 674 | SAS Dairy | 1992 | Active | Сиггу | Clovis | 24,000 | 190 | storage impoundment & land apply | No | 2,9 | 72 | 630 | 0.3 | MW-A (MW- | 29-Mar-03 | wastewater impoundment | 3.5 |
| 342 | Las Uvas Valley Dairy #s 1-2-3-4-5 | 1980 | Active | Doña Ana | Hatch | 103,000 | 60 | storage impoundment & land apply | No | 2.8 | 57 | 450 | ND | MW-T1 | 27-Oct-07 | wastewater impoundment | N/A |
| 885 | Jersey Gold Dairy | 1986 | Inactive | Valencia | Belen | 2,000 | 40 | evaporation impoundment only | No | 2.7 | 31 | 300 | 0,63 | East Well | 2-Jan-03 | wastewater impoundment | 1.6 |
| 1321 | Providence Dairy | 2001 | Active | Curry | Texico | 105,00 | 300 | storage impoundment & land apply | No | 2,7 | 30 | 275 | ND | MW-2 | 27-Jun-05 | wastewater impoundment | 2,1 |
| 1163 | North Point Dalry | 1999 | Active | Curry | Clovis | 180,000 | 380 | storage impoundment & land apply | No | 2.6 | 17 | 260 | 0.4 | MW-3 | 26-Jan-09 | wastewater impoundment | 1.8 |
| 1439 | Secondwind Dairy | 2004 | Active | Chaves | Hagerman | 15,000 | 167 | storage impoundment & land apply | No | 2.4 | 13 | 630 | ND | MW-1 | 8-Oct-07 | wastewater impoundment | N/A. |

Table 1: Single highest nitrate-nitrogen concentration in ground water ever reported at each dairy facility and associated source

| ing the last a state which has | DATE POLICE CONTROL CO | a. District lateral party in the au | | are with the state of the con- | Section and comments | | | | I | | | ii. | Highest 8 | O. N Reported in | Ground Water | | |
|----------------------------------|--|-------------------------------------|---------|--------------------------------|----------------------|--|--|--|---|--|--|--|---------------|-------------------------------------|------------------------------|-------------------------------------|--------------------------------|
| 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 | Ever had NO ₂ N contamination in ground water? | NO ₂ /N mg/L (std = 10.0 mg/L) | Cl mg/L (std'= 250.0 mg/L) | TDS mg/L (sid = 1000,0 mg/L) | THEN: mg/L | Monitoring Well (MW) Identity | Sample Collection Date | Source Monitored | Upgradie MW NO+N mg/L |
| 1111 | Do-Rene Dairy 2 | 1/997 | Active | Cliny | Clavis | 120,000 | 315 | storage impoundment & land apply | No. | 2.3 | 42 | 487 | ND. | MW-2. | 5-Nov-09 | combination ww/sw impoundment | 6.6 |
| 1.022 | Southern Draw Dairy | 1983 or earlier | Active | Curry | Clovis | 45,000 | 375 | storage imploundment & land apply | No | 1.84 | 13.9 | 262 | ND. | South Well | 6-May-08 | land application | 2.06 |
| 1 300 2 | Bos Dairy - North | 200): | Active | Lehr | Lovington | 65,000 | 70 | storage impoundment & land apply | No | I.8 | .50 | 410 | 0.3 | .MW-2 | 2-Jan-08 | Wastewater impoundment | 11,1 |
| .967 | Las Uvas Valley Dairy #6 | 1993 | Active | Dona Ana | Haich | 44000 | 170 | storage impoundment & land apply | Nó | 1.2 | 112.8 | 1027 | 0.6 | MW-3 | 15-Apr-09 | wastewater impoundment | N/A |
| 380 | Bartota Dajiy I | 1986. | Active | Sierra | Arrey | 25,650 | 60 | evaporation impoundment only | No. | 1:06 | 13,3 | 358 | 0.1 | B1 MW-1 | 9-May-03 | wastéwater Impoundment | 1,24 |
| 563: | A&M. Dainy | 1988 | Active. | Slovento | Veguna | 4.200 | 65 | evaporation simpoundment cirily | No | 0.65 | 1.1 | 240 | ND. | MW42 | 26-May-09 | wastewater Impoundment | 0.84 |
| 1294 | R & R Ranch Dairy | 2(0,03) | Active | Sticorro | Veguita | 160,000 | 75. | evaporation impoundment only | No | 0.64 | 8:7 | 230 | 0.56 | MW-2 | 23-Jun-04 | wastewater impoundment | 0.25 |

DICK 《**北线编纂**》,"我就是管理社会学学的特别性,是自己的特别,但是自己的特别,在我们的,这个自己的特别,这个自己的,这个一个人,是一个人的一个人,这个

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| Carl Harris, Sec. 1 | | | T | | en de la companya de | | | Alexandra de la composición dela composición de la composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición de la composición de la composición dela composici | | | | | Highest N | O ₃ -N Reported in | Ground Water | | |
|----------------------------------|-------------------------------------|----------------------------|----------|------------------|---|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|---------------------------|--|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradient MW NO ₃ -N mg/L |
| 585 | McCathara Dairy | 1950's | Active | Bernatillo | Albuquerque | 4,000 | 65 | evaporation impoundment only | Yes | 262 | data not provided | data not | data not | MW-I | 17-Mar-98 | wastewater impoundment | N/A |
| 170 | Sun Valley Dairy LLC | -1981 | Active | Doña Ana | Berino | 35,000 | 37-80 | evaporation impoundment only | Yes | 225 | 880 | 4640 | 1.5 | MW-1 | 16-Jun-00 | wastewater impoundment | data not |
| 42 | Dominguez Fams II & III | 1978 | Active | До па Апа | Mesquite | 60,000 | 40 | evaporation impoundment only | Yes | 190 | 1200 | 4900 | N/A | BJZ-9 | 8-Mar-00 | wastewater impoundment | 52 |
| 257 | Sunser Dairy | 1983 | Active | Doña Ana | Vado | 45,000 | 21-26 | storage impoundment & land apply | Yes | 181 | 1120 | 4952 | 8,0 | 257-1 | 5-Jul-04 | wastewater impoundment | 4.1 |
| 126 | Del Norte Dairy | 1980 | Active | Doña Ana | Mesquite | 24.000 | 15-29 | storage impoundment & land apply | Yes | 177 | 104.5 | 1253 | 2.5 | MW-3 | 31-May-91 | wastewater impoundment | 0.55 |
| 340 | Bright Star Dairy | 1987 | Active | Doña Ana | Mesquite | 60,000 | 36-47 | storage impoundment & land apply | Yes | 159 | 864 | 3780 | 0.14 | MW-2 | 3-Sep-01 | wastewater impoundment | 61.5 |
| 1203 | Beaty Dairy | mid 1940's | Active | Chaves | Artesia | 14,000 | 41 | storage impoundment & land apply | Yes | 148 | 660 | 7195 | 5 | MW-2 | 10-Aug-07 | wastewater impoundment | 5.6 |
| 259 | RockView Dairy | 1983 | Active | Lea | Hobbs | 27,500 | 90 | storage impoundment & land apply | Yes | 136.2 | 375 | 18.05 | 0.8 | MW-7R | 8-Jul-09 | wastewater impoundment | 3,1 |
| 893 | Los Lunas Correctional Center Dairy | pre 1992 | Inactive | Valencia | Los Lunas | 6,300 | 36 | storage impoundment & land apply | Yes | 110 | 165 | 1800 | 2,49 | MW-3 | 23-Jul-02 | wastewater impoundment | 74 |
| 1181 | Rasband Dairy | pre-1996 | Active | Valencia | Belen | 1,064 | 35 | storage impoundment & land apply | Yes | 107.6 | 46 | 794 | data not | MW-2 | 7-Apr-03 | wastewater impoundment | 5.36 |
| 1025 | Landmark Dairy/(Doldersum Dairy) | 1995 | Active | Lea | Lovington | 40,000 | 60 | storage impoundment & land apply | Yes | 89.2 | 210 | 1435 | 1.8 | MW-1 | 8-Jul-09 | wastewater impoundment | 3,8 |
| 738 | El Visto Dairy 2 | 1991 | Active | Chaves | Dexter | 55,000 | 97 | storage impoundment & land apply | Yes | 74 | 230 | 3400 | ND | MW-3 | 19-Nov-06 | wastewater impoundment | data not |
| 190 | Othart Dairy | 1982 | Active | Socorro | Veguita | 8,000 | 66 | evaporation impoundment only | Yes | 71 | 77 | 1300 | ND | MW | 12-May-04 | wastewater impoundment | N/A |
| 1208 | Tallmon Dairy | 1954 | Active | Doña Ала | Santa Teresa | 16,945 | 9 | storage impoundment & land apply | Yes | 67.5 | 560 | 3691 | 1 | MW-6 | 9-Sep-07 | wastewater impoundment | 0.1 |
| 952 | Rockhill Dairy | 1998 | Active | Chaves | Dexter | 80,000 | 105 | storage impoundment & land apply | Yes | 67 | 500 | 3200 | ND | MW-2 | 12-May-08. | wastewater impoundment | 9,1 |
| 290 | Tres Hermanos Dairy LLC | 1983 | Active | Socorro | Veguita | 5,000 | 70 | evaporation impoundment only | Yes | 65 | 34. | 698 | ND | MW-I | 29-Jan-93 | wastewater impoundment | data not provided |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| | | | The second second second | | Comment was not always | more that the standards of | Most | The state of the benefit of the state of | este profesi espetito de acomi | | T | I | Highest | NO ₃ -N Reported | in Ground Water | II. | |
|---------------------------------|-----------------------|----------------------------|--------------------------|------------|------------------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|---------------------------|------------------|
| Discharge ermit No. (DP#) | Current Facility Name | Year Discharge Began | Status | County | Closest City | Permitted Discharge Volume - Gallons per Day (GPD) | shallow Depth-to- Water (ft) as of March 2009 | Permitted wastewater management practices | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgri M NO |
| 904 | Wild West Farms | 1993 | Active | Chaves | Roswell | 125,000 | 52 | storage impoundment & land apply | Yes | 62 | 390 | 3600 | ND | MW-1A | 16-Sep-04 | wastewater impoundment | data |
| 699 | Ruch Dairy | est,1991 | Inactive | Lea | Hobbs | 40,000 | 60 | storage impoundment & land apply | Yes | 60.4 | 190 | 1435 | 1.7 | MW-1 | 112-Jul-07 | wastewater impoundment | 0 |
| 742 | Breedyk Dairy | 1991 | Active | Chaves | Dexter | 92,000 | 51 | storage impoundment & land apply | Yes | 58 | 860 | 4400 | ND | MW-2 | 29-Oct-07 | wastewater impoundment | 8 |
| 1195 | Elmira Dairy | 1998 | Active | Bernalillo | Albuquerque | 9,999 | 108-126 | evaporation impoundment only | Yes | 57.2 | 281 | 4470 | 0.5 | MW-4 | 4-Apr-07 | wastewater impoundment | data prov |
| 646 | Rio Vista Dairy | 1989 | Inactive | Chaves | Roswell | 60,000 | 20-30 | storage impoundment & land apply | Yes | 54.4 | 2490 | 7220 = | 2,7 | MW-East | 25-Jun-91 | wastewater impoundment | .N |
| 1287 | Lajolla Dairy | 2000 | Active | Roosevelt | Portales | 9,750 | 65 | storage impoundment & land apply | Yes | 53.4 | 315 | 1875 | 1,6 | MW-2 | 5-Oct-07 | wastewater impoundment | 4 |
| 1032 | Bosque Dairy | 1993 | Active | Socorro | Bosque | 3,000 | 48 | evaporation impoundment only | Yes | 50 | , I50 | 1800 | ND | MW-3 | 22-Jan-09 | wastewater impoundment | N |
| 1313 | Desert Star Dairy | 2001 | Active | Roosevelt | Texico | 40,000 | 222 | storage impoundment & land apply | Yes | 49 | 180 | 1510 | ND | MW-4 | 23-Jul-09 | wastewater impoundment | N |
| 776 | Southwind Dairy | 1991 | Active | Chaves | Hagerman | 96,000 | 165-210 | storage impoundment & land apply | Yes | 47 | 180+ | 1660 | ND | MW-IAA | 13-Jul-09 | wastewater impoundment | 2 |
| 1003 | Three Amigos Dairy | 1994 | Active | Chaves | Dexter | 120,000 | 45 | storage impoundment & land apply | Yes | 46 | N/A | N/A | 1.37 | MW-I | 21-Mar-01 | wastewater impoundment | data prov |
| 461 | Beestra Family Dairy | Prior 1984 | Active | Lea | Hobbs | 40,000 | 65 | storage impoundment & land apply | Yes | 44.3 | data not provided | 718 | 11.18 | Monitor Well | 9-Aug-91 | wastewater impoundment | N/ |
| 804 | Sunshine Dairy-Dexter | 1978 | Active | Chaves | Roswell | 24,000 | 30 | storage impoundment & land apply | Yes | 41 | 720 | 3590 | 0.4 | MW-2 | 30-Sep-03 | wastewater impoundment | N/. |
| 1233 | Mickey's Dairy | 1997 | Active | Bernalillo | Albuquerque | 3,000 | 12 | evaporation impoundment only | Yes | 40.2 | 110 | 1180 | 0,9 | MW-2 | 5-Jul-05 | wastewater impoundment | 5. |
| 1199 | Palla Dairy | 1998 | Active | Сипу | Clovis | 160,000 | 410 | storage impoundment & land apply | Yes | 39.8 | 111 | 847 | ND | MW-1 | 21-Jun-07 | wastewater impoundment | 2.0 |
| 633 | Greenfield Dainy | ~1989 | Active | Chaves | Dexter | 80,000 | 1.06 | storage impoundment & land apply | Yes | 34.5 | 275 | 1945 | 0.7 | MW-2 | 30-Nov-05 | wastewater impoundment | no insta |
| 480 | Double Aught Dairy | 1987 | Active | Chaves | Dexter | 70,000 | 75 | storage impoundment & land apply | Yes | 33.4 | 420 | 3550 | 0,4 | MW-3 | 18-Mar-01 | wastewater impoundment | data r |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| ar a les societàs | | | | | | | | | | | Highest NO ₃ -N Reported in Ground Water | | | | | | | | | | |
|----------------------------------|-----------------------|----------------------------|--------|------------|--------------|--|---|--|--|--|---|--|-------------|-------------------------------------|------------------------------|---------------------------|----------------------------------|--|--|--|--|
| 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 | Ever had NO ₃ -N contamination in ground water? | NO ₃ -N mg/L (std = 10.0 mp/L) | CI mg/L (std = 250.0 me/L) | TDS mg/L (std = 1000.0 me/L) | TKN mg/L | Monitoring Wall (MW) Identity | Sample Collection Date | Source Monitored | Upgradien MW NO3-N mg/L | | | | |
| 568 | Vanderploeg Dairy | 1988 | Active | Bernalillo | Albuquerque | 2,000 | 70 | evaporation impoundment only | Yes | 31 | 86 | 870 | ND | MW-West | 6-May-09 | wastewater impoundment | N/A | | | | |
| 737 | Parkland Dairy | 1992 | Active | Roosevelt | Portales | 15,000 | 80 | storage impoundment & land apply | Yes | 27.8 | 290 | 1865 | 0.4 | MW-2 | 14-Nov-05 | wastewater impoundment | N/A | | | | |
| 932 | Midway Dairy | 1993 | Active | Curry | Portales | 42,074 | 195 | storage impoundment & land apply | Yes | 27 | 30 | 518 | ND | MW-I | 14-May-09 | wastewater impoundment | 1.7 | | | | |
| 1135 | Bos Dairy | btw 1997 and 2000 | Active | Lea | Lovington | 120,000 | 87 | storage impoundment & land apply | Yes | 26.9 | 185 | 1120 | 1.6 | MW-2 | 2-Jan-08 | wastewater impoundment | 4,8 | | | | |
| 537 | Van Dam Dairy | 1987 | Active | Roosevelt | Portales | 35,463 | 90 | storage impoundment & land apply | Yes | 26.1 | 373 | 2380 | 0.5 | MW-2 | 21-Aug-07 | wastewater impoundment | 8.97 | | | | |
| 1200 | Milky Way Dairy | 1999 | Active | Chaves | Roswell | 8,400 | 25 | storage impoundment & land apply | Yes | 26 | 1500 | 5500 | ND | MW-J | 23-Oct-06 | wastewater impoundment | 16 | | | | |
| 384 | Philmar Dairy | 1985 | Active | Roosevelt | Portales | 40,000 | 80-103 | storage impoundment & land apply | Yes | 23,4 | 310 | 2045 | 0.4 | MW-2 | 4-Jan-06 | wastewater impoundment | 13.9 | | | | |
| 909 | Tee Vee Dairy | 1993 | Active | Lea | Hobbs | 48,000 | 76 | storage impoundment & land apply | Yes | 22.6 | 100 | 725 | 0,8 | MW-4 | 12-Jul-07 | wastewater impoundment | 3,1 | | | | |
| 1391 | Nutt Dairy | 2002 | Active | Luna | Deming | 20.000 | 65-135 | storage impoundment & land apply | Yes | 21.1 | 138 | 1030 | 0.3 | MW-I | 23-Apr-03 | wastewater impoundment | 2,24 | | | | |
| 1299 | Cooper-Legacy Dairy | 2000 | Active | Roosevelt | Portales | 65,000 | 271 | storage impoundment & land apply | Yes | 20 | 26 | 476 | ND | MW-2 | 20-Dec-07 | wastewater impoundment | 15 | | | | |
| 546 | Caballo Dairy Inc | 1931 | Active | Sierra | Апеу | 72,000 | 10 | storage impoundment & land apply | Yes | 18 | 190 | 1400 | 2,2 | MW-I | 4-Aug-06 | wastewater impoundment | data not | | | | |
| 753 | Brouwer Dairy | 1991 | Active | Rooseveli | Portales | 24,000 | 87 | storage impoundment & land apply | Yes | 17,4 | 140 | 945 | 0.3 | MW-2 | 4-Jan-06 | wastewater impoundment | 8,5 | | | | |
| 1176 | Jarratt Dairy | 1995 | Active | Valencia | Los Lunas | 2,500 | 5 | storage impoundment & land apply | Yes | 16.6 | 36.2 | 854 | 2 | MW-2 | 21-Feb-07 | wastewater impoundment | 12,1 | | | | |
| 772 | Othart Dairy 2 | 1991 | Active | Ѕосопо | Veguita | 7,500 | 70 | evaporation impoundment only | Yes | 16,5 | data not | data not | 0.2 | MW-N | 15-Feb-06 | wastewater impoundment | N/A | | | | |
| 1350 | Loma Parda Dairy | 2003 | Active | Doña Ana | Garfield | 26,000 | 40 | storage impoundment & land apply | Yes | 16,44 | 248.4 | 1922 | 2.4 | MW-I | 19-Apr-05 | wastewater impoundment | N/A | | | | |
| 1154 | Saltridge Dairy | 1997 | Active | Roosevelt | Portales | 30,000 | 72 | storage impoundment & land apply | Yes | 16.4 | 940 | 3070 | 2.3 | MW-2 | 24-Jun-05 | wastewater impoundment | 5,8 | | | | |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| | | | The second second | enganikin ing Partuglang | Andrew Commission and Andrew | to see a see a see a see a see | The state of the s | Section (Control of the Control of t | e a processor est est a control de trasa. H | Highest NO ₄ -N Reported in Ground Water | | | | | | | | | |
|----------------------------------|-----------------------|----------------------------|-------------------|--------------------------|------------------------------|--|--|--|--|---|--|--|-------------|-------------------------------------|------------------------------|-------------------------------------|-------------------------------------|--|--|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradi MW NO ₃ -1 | | |
| 1277 | El Dorado Dairy | 2000 | Active | Curry | Clovis | 95,000 | 317 | storage impoundment & land apply | Yes | 15,5 | 85 | 560 | 0.2 | MW-2 | 7-Apr-09 | wastewater himpoundment | 2.5 | | |
| 1004 | Willard Dairy | 1998 | Active | Torrance | Willard | 80.000 | 100 | storage impoundment & land apply | Yes | 15,3 | 300 | 1435 | 1 | MW-1B | 17-Jul-09 | wastewater impoundment | 2.5 | | |
| 826 | Anderson Dairy 2 | 1992 | Active | Roosevelt | Portales | 4,500 | 86 | evaporation impoundment only | Yes | 13,8 | 140 | 1005 | ND | MW-4 | 2-Aug-05 | wastewater impoundment | 12 | | |
| 666 | Western Star Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 80-90 | storage impoundment & land apply | Yes | 13,1 | 230- | 1570 | ND | MW-5 | 5-Oct-07 | wastewater impoundment | Not installed | | |
| 346 | Abarca Dairy | 1984 | Inactive | Roosevelt | Portales | 2,500 | 70 | storage impoundment & land apply | Yes | 11.5 | 100 | 855 | 0.4 | MW-I | 21-Feb-03 | wastewater impoundment | 10.7 | | |
| 195 | Heraa Dairy | 1982 | Inactive | Socorro | Veguita | 3,000 | . 32 | evaporation impoundment only | Yes | 11.4 | 344 | 1680 | 73.7 | MW-I | 20-Dec-05 | wastewater impoundment | N/A | | |
| 898 | Bonestroo Dairy LLC | 1993 | Active | Rooseveli | Portales | 43,000 | 60 | evaporation impoundment only | Yes | 118.1 | 115 | 1460 | 0,7 | MW-4 | 2-Aug-05 | combination ww/sw impoundment | 5.8 | | |
| 762 | High Lonesome Dairy | 1991 | Active | Lea | Hobbs | 60,000 | 99 | storage impoundment & land apply | Yes | 96.4 | 290 | 1940 | 16.8 | MW-2,S | 19-Apr-00 | combination ww/sw impoundment | N/A | | |
| 162 | Yorktown Dairy | -1981 | Active | Chaves | Roswell | 21,000 | 8 | storage impoundment & land apply | Yes | 61.2 | 305 | 3735 | 0.5 | MW-2 | 6-Apr-03 | combination ww/sw impoundment | not installed | | |
| 921 | Flecha Dairy | 1994 | Active | Eddy | Artesia | 115,000 | 35 | storage impoundment & land apply | Yes | 48 | 76 | 2900 | ND | MW-2A | 3-Dec-08 | combination ww/sw impoundment | 23 | | |
| 934 | South Slope Dairy | 1993 | Active | Сшту | Clovis | 225,000 | 344 | storage impoundment & land apply | Yes | 45.6 | 345 | 1475 | 0,6 | MW-2 | 18-Jul-09 | combination ww/sw impoundment | N/A | | |
| 1136 | Heritage Dairy | 1997 | Active | Ситу | Clovis | 100,000 | 230 | storage impoundment & land apply | Yes | 36,6 | 155 | 890 | 1.3 | MW-3 | 26-Jun-06 | combination ww/sw impoundment | not installed | | |
| 703 | Desperado Dairy | 1990 | Active | Curry | Clovis | 48,000 | 350 | storage impoundment & land apply | Yes | 21.9 | 125 | 770 | ND 4 | MW-I | 6-Jun-00 | combination ww/sw impoundment | data not | | |
| 1157 | High Plains Dairy | 1997 | Inactive | Rooseveli | Portales | 60,000 | 108 | storage impoundment & land apply | Yes | 19.6 | 50 | 790 | 0.2 | MW-2A | 10-Mar-09 | combination ww/sw impoundment | 3,1 | | |
| 1377 | Grande Vida Dairy | 2006 | Active | Roosevelt | Portales | 49,500 | 191 | storage impoundment & land apply | Yes | 11,5 | 20 | 375 | 0.2 | MW-2 | 26-Feb-09 | combination ww/sw impoundment | 7.7 | | |
| 1423 | Sandcrest Dairy | 2006 | Active | Сипу | Portales | 65,000 | 108 | storage impoundment & land apply | Yes | 10.5 | 42 | 400 | 0.3 | MW-2 | 10-Mar-09 | combination ww/sw impoundment | N/A | | |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| r element i vinte de la companya de | | | 1200000 | | | 1 | | | | | | | Highest I | NO N Reported i | n Ground Water | 1 | |
|--|--------------------------|----------------------------|----------|----------|--------------|--|---|--|---|--|--|--|-------------|-------------------------------------|------------------------------|-------------------------------|--|
| 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 (fi) as of March 2009 | Permitted wastewater management practices | Ever had NO ₃ N contamination in ground water? | 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 | Source Monitored | Upgradie MW NO ₃ -N mg/L |
| 683 | Top Line Dairy | 1990 | Active | Eddy | Artesia | 550,000 | 18 | impoundment & land apply | Yes | 330 | 2300 | 10000 | ND | MW-5 | 26-Jul-07 | land application field | 27 |
| 692 | Del Oro Dairy | 1990 | Active | Doña Ana | Anthony | 60,000 | 55-80 | evaporation impoundment only | Yes | 245 | 560 | 3461 | 3 | DO-3 | 16-Dec-03 | land application | 1.8 |
| 227 | Queso Grande Dairy | 1982 | Active | Chaves | Roswell | 100,000 | 40 | storage impoundment & land apply | Yes | 220 | N/A | N/A | 1.52 | MW-10 | 28-Mar-01 | land application field | data not |
| 70 | Mountain View Dairy | 1980 | Active | Doña Ana | Mesquite | 60,000 | 32-58 | storage impoundment & land apply | Yes | 195 | N/A | N/A | N/A | BR-3 | 19-Sep-89 | land application | data not |
| 74 | Buena Vista 2 | 1979 | Active | Doña Ana | Mesquite | 55,000 | 13-32 | storage impoundment & land apply | Yes | 194.5 | 1610 | 4705 | 0.28 | MW-2 | 11-Sep-04 | land application field | 0.1 |
| 624 | Dominguez Dairy | 1990 | Active | Doña Ana | Mesquite | 85,000 | 9 | storage impoundment & land apply | Yes | 186.5 | 1195 | data not | 0,6 | MW-2 (DM2) | 28-Dec-91 | land application field | not installed |
| 677 | Cheyenne Dairy I and III | 1991 | Active | Chaves | Dexter | 180,000 | 50-100 | storage impoundment & land apply | Yes | 182.5 | 310 | 3740 | 0,3 | MW-2 | 23-Oct-05 | land application | 2,7 |
| 86 | Buena Vista Dairy | 1979 | Inactive | Doña Ana | Mesquite | 60,000 | 25-45 | storage impoundment & land apply | Yes | 164 | N/A | N/A | N/A | 70/86/340-1 | 19-Sep-89 | land application field | 6,2 |
| 765 | J&M Dairy | 1991 | Inactive | Eddy | Artesja | 90,000 | 37 | storage impoundment & land apply | Yes | 160 | 220 | 4300 | 2,2 | MW-3 | 5-Jul-06 | land application field | |
| 343 | Tom Visser Dairy | 1984 | Active | Chaves | Roswell | 60,000 | 10 | storage impoundment & land apply | Yes | 146.7 | 1020 | 6290 | 0.6 | East MW | 19-Jul-07 | land application | 14 |
| 764 | Агтоуо Dairy | 1993 | Active | Chaves | Roswell | 80,000 | 17-35 | storage impoundment & land apply | Yes | 134.3 | 900 | 5140 | 0.7 | MW-1A | 4-Dec-05 | land application field | 27 |
| 791 | 3-V Dairy | 1992 | Active | Chaves | Roswell | 120,000 | 10 | storage impoundment & land apply | Yes | 130 | 240 | 3900 | ND | MW-4 | 21-Apr-09 | land application field | 60.4 |
| 207 | Nature's Dairy Inc | 1982 | Active | Chaves | Roswell | 84,000 | 14-17 | storage impoundment & land apply | Yes | 110 | 2000 | 7500 | ND | MW-4 | 25-Mar-09 | land application | N/A data not |
| 228 | New Horizon Dairy | 1982 | Inactive | Chaves | Roswell | 120,000 | 29 | storage impoundment & land apply | Yes | 110 | 190 | 4775 | 0.7 | MW-3 | 2-Jun-01 | field land application field | provided data not |
| 554 | Break-Away Dairy | 1988 | Active | Chaves | Roswell | 35,000 | .13 | storage impoundment & land apply | Yes | 110 | 880 | 3800 | ND | MW-3 | 20-Aug-08 | -land application | provided |
| 1141 | Enchantment Dainy | 1997 | Active | Chaves | Lake Arthur | 128,000 | 110 | storage impoundment & land apply | Yes | 110 | 830 | 5800 | ND | MW-5 | 11-Dec-07 | field land application field | 2,4 |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| | | Highest NO ₃ -N Reported in Ground Water | | | | | | | | | | | | | | | |
|----------------------------------|------------------------|---|----------|-----------|--------------|--|---|--|--|---|--|--|-------------|-------------------------------------|------------------------------|---------------------------|---------------------------------------|
| Discharge Permit No. (DP#) | | 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 | Ever had NO ₃ -N contamination in ground water? | NO ₃ -N mg/L (std = 10 ₃ 0 mp/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 | Source Monitored | Upgra MV NO ₃ mg/ |
| 163 | Pirtle Farms Dairy | 1981 | Active | Chaves | Roswell | 35,000 | 16 | storage impoundment & land apply | Yes | 108 | 365 | 3285 | 0.6 | MW-4 | 26-Dec-02. | land application field | 22 |
| 718 | De Groot Dairy | 1991 | Active | Chaves | Roswell | 120,000 | 15-26 | storage impoundment & land apply | Yes | 99.6 | 2500 | 8455 | ı | MW-3 | 4-Dec-05 | land application | 16 |
| 177 | Gonzalez Dairy | 1981 | Active | Doña Ana | Mesquite | 49,000 | 14 | storage impoundment & land apply | Yes | 96.9 | 1440 | 5100 | 3,36 | MW-2 | 1-Dec-06 | land application | 30. |
| 167 | River Valley Dairy | ~1981 | Active | Doña Ana | Mesquite | 35,000 | 111 | storage impoundment & land apply | Yes | 85.9 | 980 | 4245 | 1 | MW-5 | 8-Mar-03 | land application | 38 |
| 913 | Creekside Dairy | 1993 | Active | Eddy | Lake Arthur | 56,000 | 29-75 | storage impoundment & land apply | Yes | 73.2 | 160 | 3920 | 0.9 | MW-3 | 29-Oct-04 | land application field | 17.9 |
| 951 | Brand West Dairy | 1995 | Inactive | Lea | Lovington | 99,990 | 82 | storage impoundment & land apply | Yes | 67.5 | 150 | 1110 | ND | MW-3 | 6-Apr-06 | land application field | N/A |
| 606 | Dexter Dairy | 1989 | Active | Chaves | Dexter | 40,000 | 95-110 | storage impoundment & land apply | Yes | 64 | 200 | 2700 | ND 1 | MW-1 | 25-Aug-08 | land application | 8.6 |
| 963 | Red Roof Dairy | 1993 | Active | Roosevelt | Portales | 37,500 | 124-142 | storage impoundment & land apply | Yes | 46.1 | 60 | 610 | 0.3 | MW-6 | 6-Feb-09 | land application field | 1.9 |
| 707 | Vaz Dairy | 1991 | Active | Chaves | Roswell | 100,000 | 15-25 | storage impoundment & land apply | Yes | 45 | 5700 | 12000 | ND | MW-4 | 24-Jun-06 | land application field | 32 |
| 1286 | Greenfield Park Dairy | 2000 | Active | Roosevelt | Portales | 40,000 | 145 | storage impoundment & land apply | Yes | 42,1 | 39.6 | 366 | ND | MW-3 | 28-Feb-08 | land application field | 2.18 |
| 1245 | 4-Way Dairy | 2000 | Active | Roosevelt | Portales | 150,000 | 90 | storage impoundment & land apply | Yes | 34,8 | 30 | 415 | ND | MW-5 | 5-Mar-09 | land application field | 21.5 |
| 1331 | Butterfield Dairy Farm | 2001 | Active | Luna | Deming | 60,000 | 90 | storage impoundment & land apply | Yes | 34 | 48 | 920 | ND | MW-3 | 31-Jan-08 | land application field | 23 |
| 689 | P-2 Dairy | 1990 | Active | Chaves | Dexter | 90,000 | 35-75 | storage impoundment & land apply | Yes | 31.7 | 940 | 5020 | ND | MW-3 | 19-Aug-05 | land application field | 3.2 |
| 1246 | Hide-A-Way Dairy | 2000 | Active | Roosevelt | Clovis | 61,250 | 250 | storage impoundment & land apply | Yes | 28 | 89.4 | 487 | ND | MW-3 | 21-Aug-07 | land application field | 3.04 |
| 1312 | Milk Flow Dairy | 2000/2001 | Inactive | Roosevelt | Portales | 40,000 | 120 | storage impoundment & land apply | Yes | 25.4 | 95 | 580 | ND | MW-3 | 13-May-08 | land application field | data not |
| 796 | Cornerstone Dairy | 1991 | Active | Eddy | Artesia | 90,000 | 46 | storage impoundment & land apply | Yes | 24 | 98 | 3800 | ND | MW-7 | 23-Oct-07 | land application field | N/A |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities.

| อโพรส ประกูลกรรมการประชุ | The second secon | | | | | | | | | | Highest NO ₃ -N Reported in Ground Water | | | | | | | | |
|----------------------------------|--|----------------------------|----------|-----------|--------------|--|---|--|--|--|---|--|-------------|-------------------------------------|------------------------------|---------------------------|-------------------------------------|--|--|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradi MW NO ₁ -N | | |
| 727 | Shawnee Dairy | 1991 | Active | Chaves | Dexter | 81,000 | 43 | storage impoundment & land apply | Yes | 23 | 140 | 2200 | ND | MW-3 | 15-Oct-09 | land application field | ND | | |
| 1250 | Sky County Farms | 2005 | Active | Roosevelt | Portales | 90,000 | 128 | storage impoundment & land apply | Yes | 23 | 77 | 704 | ND | MW-3 | 30-Jul-07 | land application | 13 | | |
| 717 | Epicenter Dairy | 1993 | Inactive | Chaves | Hagerman | 48,000 | 145 | storage impoundment & land apply | Yes | 21 | 400 | 3000 | ND | MW-3A | 29-Feb-08 | land application field | 4,7 | | |
| 667 | H and R Westra Dairy | 1990 | Active | Roosevelt | Portales | 20,000 | 45 | storage impoundment & land apply | Yes | 19.9 | 15 | 300 | ND | MW-4 | 4-May-06 | land application field | 2 | | |
| 1034 | Edeal Dairy | 1995 | Active | Valencia | Los Lunas | 35,000 | 6 | storage impoundment & land apply | Yes | 18 | 84 | 726 | 0.62 | MW-4 | 12-Sep-97 | land application field | N/A | | |
| 1001 | James Idsinga & Son Dairy | 1995 | Active | Ситу | Portales | 32,000 | 225 | storage impoundment & land apply | Yes | 16.6 | 10 | 435 | ND | MW-A | 29-Nov-00 | land application field | 0.9 | | |
| 1067 | Stepping Stone Dairy | 1996 | Inactive | Roosevelt | Portales | 7,000 | 75 | evaporation impoundment only | Yes | 14.9 | 285 | 3625 | ND | MW-1 | 22-Mar-07 | land application field | N/A | | |
| 1559 | Rocky Top Dairy | 2006 | Active | Lea | Lovington | 60,000 | 77 | storage impoundment & land apply | Yes | 13 | 20 | 315 | ND | MW-3 | 28-Nov-08 | land application | N/A | | |
| 1332 | Opportunity Dairy | 2004 | Active | Roosevelt | Clovis | 65,000 | 271 | storage impoundment & land apply | Yes | 12.9 | 45 | 695 | 0.2 | MW-3 | 19-Jun-07 | land application field | 1.6 | | |
| 514 | Amistad Dairy | 1988 | Active | Roosevelt | Portales | 6,000 | 90 | evaporation impoundment only | Yes | 12.8 | 190 | 1200 | 0.3 | MW-2 | 23-Jun-09 | land application field | 7,2 | | |
| 911 | Chalk Hill Dairy | before 1992 | Inactive | Roosevelt | Portales | 1,250 | 90) | direct land apply | Yes | 11.7 | 345 | 1815 | ND | MW-3 | 23-Sep-05 | land application field | 8.4 | | |
| 1288 | Sunwest Dairy | 2001 | Active | Curry | Clovis | 60,000 | 300 | storage impoundment & land apply | Yes | 11.7 | 136 | 595 | ND | MW-3 | 5-Dec-03 | land application field | 7 | | |
| 926 | Carter's Milk Factory | 1992 | Inactive | Roosevelt | Portales | 64,000 | 110 | storage impoundment & land apply | Yes | 10,7 | 620 | 715 | 0.2 | MW-4 | 20-Jan-06 | land application field | 3.6 | | |
| 164 | Southern Skies Dairy | 1981 | Active | Chaves | Roswell | 42,000 | 22 | storage impoundment & land apply | Yes | 235 | 207 | 3450 | 0.3 | MW-3 | 5-May-97 | stormwater impoundment | 32.8 | | |
| 299 | Blackwater Draw Dairy | before 1983 | Inactive | Roosevelt | Portales | 25,000 | 115 | storage impoundment & land apply | Yes | 184 | 125 | 4455 | 0,6 | MW-2 | 8-Jul-01 | stormwater impoundment | N/A | | |
| 487 | Baca Linda Dairy | 1987 | Inactive | Chaves | Roswell | 56,000 | 47 | storage impoundment & land apply | Yes | 150 | 910 | 5000 | ND | MW-3A | 20-Nov-06 | stormwater impoundment | 24 | | |

Table 2: Sources of highest historical nitrate-nitrogen contamination at dairy facilities

| | | | | | | (Constitution of the Constitution of the Const | Personal | Special Special Control | The second second | | | 1 | Highest N | IO3-N Reported in | n Ground Water | | |
|----------------------------------|-----------------------------|----------------------------|----------|-----------|--------------|--|---|--|--|--|--|--|-------------|-------------------------------------|------------------------------|------------------------------------|---|
| 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 | Ever had NO ₃ -N contamination in ground water? | 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 | Source Monitored | Upgradien MW NO ₃ -N mg/L |
| 833 | Big Sky/Desertland Dairy | 1992 | Active | Doña Ana | Mesquite | 80,000 | 32-60 | storage impoundment & land apply | Yes | 129.4 | 935 | 2800 | 50.8 | 833-08 | 21-Jun-08 | stormwater impoundment | 16.4 |
| 533 | Dandee Dairy | 1988 | Active | Chaves | Dexter | 27,000 | 24-90 | storage impoundment & land apply | Yes | 127 | 28.3 | data not | 2,7 | MW-2 | 2-Aug-94 | stormwater impoundment | |
| 208 | Oasis Dairy | 1982 | Inactive | Chaves | Roswell | 64,000 | 28 | storage impoundment & land apply | Yes | 98.7 | 600 | 5190 | 10.7 | MW-3 | 28-Apr-09 | stormwater | 1.89 |
| 595 | Back Nine Dairy | before 1988 | Active | Roosevelt | Portales | 10,000 | 67 | storage impoundment & land apply | Yes | 63.7 | 340 | 1980 | 0.8 | MW-6 | | impoundment | data not |
| 734 | Cottonwood Springs Dairy I | ~1991 | Active | Eddy | Lake Arthur | 84,000 | 25 | storage impoundment & land apply | Yes | 49.9 | 490 | 4505 | 6.8 | | 16-Apr-09 | impoundment stormwater | provided |
| 635 | Woodcrest Dairy | 1989 | Active | Chaves | Roswell | 100,000 | 8-15 | storage impoundment & land apply | Yes | 49.3 | 1000 | | | MW-3 | 12-Jan-02 | impoundment stormwater | 37.8 |
| 706 | Rajen Dairy | 1992 | Active | Ситу | Clovis | 200,000 | 291 | storage impoundment & land apply | Yes | 49.3 | | 5815 | 1.4 | MW-3 | 23-Jul-05 | impoundment stormwater | 4.1 |
| 797 | Cheyenne Dairy 2 | 1992 | Active | Chaves | Roswell | 80,000 | 110-117 | storage impoundment & land apply | Yes | 22.5 | 100 | 930 | ND ND | JAR #1 | 23-Sep-92 | impoundment stormwater | 7 |
| 1131 | Par 5 Dairy and Select Milk | 1997 | Active | Chaves | Dexter | 410,000 | 40-52 | storage impoundment & land apply | Yes | 21.3 | 440 | 3960 | 0,4 | MW-3 | 22-Jul-05 22-Jul-05 | impoundment stormwater impoundment | 0.37 |