TABLE 3. MONITORING REGIMEN
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Monitoring Regimen							
	Nitrate	TKN	Chloride	TDS	TOC[1]	CSIA[1]	Field Parameters	Gauging
NORTHERN AREA								
Northern Land Application Area (DP-340)								
70-03	Q	Q	Q	Q			Q	Q
70/86/340-01	Q	Q	Q	Q			Q	Q
86/340-01	Q	Q	Q	Q			Q	Q
Del Norte Dairy (DP-126)								
126-04	Q	Q	Q	Q			Q	Q
126-05	Q	Q	Q	Q			Q	Q
126-07	Q	Q	Q	Q			Q	Q
126-09	Q	Q	Q	Q			Q	Q
126-12	Q	Q	Q	Q			Q	Q
126-13	Q	Q	Q	Q			Q	Q
Mountain View Dairy (DP-70)								
70-01	Q	Q	Q	Q			Q	Q
70-02	Q	Q	Q	Q			Q	Q
70-04	Q	Q	Q	Q			Q	Q
Buena Vista Diary I (DP-86)								
86-01							Q	Q
86-02							Q	Q
Bright Star Dairy (DP-340)								
340-01	Q	Q	Q	Q			Q	Q
340-02	Q	Q	Q	Q			Q	Q
Dominguez 2 Dairy (DP-42)								
42-02	Q	Q	Q	Q			Q*	Q
42-03	Q	Q	Q	Q			Q*	Q
42-06	Q	Q	Q	Q			Q*	Q
42-07	Q	Q	Q	Q			Q*	Q
42-08	Q	Q	Q	Q			Q*	Q
42-09	Q	Q	Q	Q			Q*	Q
42-10	Q	Q	Q	Q			Q*	Q
42-11	Q	Q	Q	Q			Q*	Q
42-12	Q	Q	Q	Q			Q*	Q
42-13	Q	Q	Q	Q			Q*	Q

TABLE 3. MONITORING REGIMEN
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Monitoring Regimen							
	Nitrate	TKN	Chloride	TDS	TOC[1]	CSIA[1]	Field Parameters	Gauging
Dominguez Dairy (DP-624)								
624-01	Q	Q	Q	Q			Q	Q
624-02	Q	Q	Q	Q			Q	Q
624-04	Q	Q	Q	Q			Q	Q
624-05	Q	Q	Q	Q			Q	Q
624-06	Q	Q	Q	Q			Q	Q
624-07	Q	Q	Q	Q			Q	Q
624-08	Q	Q	Q	Q			Q	Q
Gonzalez Dairy (DP-177)								
177-01	Q	Q	Q	Q			Q	Q
177-02	Q	Q	Q	Q			Q	Q
177-03A	Q	Q	Q	Q			Q	Q
177-04	Q	Q	Q	Q			Q	Q
177-05	Q	Q	Q	Q			Q	Q
177-06	Q	Q	Q	Q			Q	Q
177-07R	Q	Q	Q	Q			Q	Q
CENTRAL AREA								
Buena Vista Diary II (DP-74)								
74-01	Q	Q	Q	Q			Q	Q
74-02	Q	Q	Q	Q			Q	Q
74-03	Q	Q	Q	Q			Q	Q
74-04	Q	Q	Q	Q			Q	Q
74-05	Q	Q	Q	Q			Q	Q
River Valley Dairy (DP-167)								
167-01	Q	Q	Q	Q			Q	Q
167-01A	Q	Q	Q	Q			Q	Q
167-02	Q	Q	Q	Q			Q	Q
167-03	Q	Q	Q	Q			Q	Q
167-04	Q	Q	Q	Q			Q	Q
167-05	Q	Q	Q	Q			Q	Q
167-06	Q	Q	Q	Q			Q	Q
167-07	Q	Q	Q	Q			Q	Q
167-08	Q	Q	Q	Q			Q	Q
167-09	Q	Q	Q	Q			Q	Q

TABLE 3. MONITORING REGIMEN
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Monitoring Regimen							
	Nitrate	TKN	Chloride	TDS	TOC[1]	CSIA[1]	Field Parameters	Gauging
Big Sky Dairy (DP-833)								
833-01	Q	Q	Q	Q			Q	Q
833-02	Q	Q	Q	Q			Q	Q
833-03	Q	Q	Q	Q			Q	Q
833-04	Q	Q	Q	Q			Q	Q
833-05	Q	Q	Q	Q			Q	Q
833-06	Q	Q	Q	Q			Q	Q
833-07	Q	Q	Q	Q			Q	Q
833-08	Q	Q	Q	Q			Q	Q
833-09	Q	Q	Q	Q			Q	Q
833-10	Q	Q	Q	Q			Q	Q
Sunset/Desert Land Dairy (DP-257)								
257-01	Q	Q	Q	Q			Q	Q
257-02	Q	Q	Q	Q			Q	Q
257-03	Q	Q	Q	Q			Q	Q
257/260-01	Q	Q	Q	Q			Q	Q
SOUTHERN AREA								
Del Oro Dairy (DP-692)								
692-01	Plug and Abandon							
692-01R	Q	Q	Q	Q			Q*	Q
692-02	Q	Q	Q	Q			Q	Q
692-04	Q	Q	Q	Q			Q	Q
692-05	Q	Q	Q	Q			Q*	Q
692-06	Q	Q	Q	Q			Q	Q
692-07	Q	Q	Q	Q			Q*	Q
692-08	Q	Q	Q	Q			Q*	Q
692-09	Q	Q	Q	Q			Q*	Q
Anthony Waste Water Treatment Plant (DAD)								
MW-1								Q
MW-2								Q
MW-3								Q

TABLE 3. MONITORING REGIMEN
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Monitoring Regimen							
	Nitrate	TKN	Chloride	TDS	TOC[1]	CSIA[1]	Field Parameters	Gauging
ABATEMENT PLAN MONITOR WELLS								
DAD-01	Q	Q	Q	Q			Q	Q
DAD-02	Q	Q	Q	Q			Q	Q
DAD-03	Q	Q	Q	Q			Q	Q
DAD-04	Q	Q	Q	Q			Q	Q
DAD-05	Q	Q	Q	Q			Q	Q
DAD-06	Q	Q	Q	Q			Q	Q
DAD-07	Q	Q	Q	Q			Q	Q
DAD-08	Q	Q	Q	Q			Q	Q
DAD-09	Q	Q	Q	Q			Q	Q
DAD-10	Q	Q	Q	Q			Q	Q
DAD-11	Q	Q	Q	Q			Q	Q
DAD-12	Q	Q	Q	Q			Q	Q
DAD-13	Q	Q	Q	Q			Q	Q
DAD-14	Q	Q	Q	Q			Q	Q
DAD-15	Q	Q	Q	Q			Q	Q
DAD-16	Q	Q	Q	Q			Q	Q
DAD-17	Q	Q	Q	Q			Q	Q
DAD-18	Q	Q	Q	Q			Q	Q
DAD-19	Q	Q	Q	Q			Q	Q
DAD-20	Q	Q	Q	Q			Q	Q
DAD-21	Q	Q	Q	Q			Q	Q
DAD-22	Q	Q	Q	Q			Q	Q
DAD-23	Q	Q	Q	Q			Q	Q
DAD-24	Q	Q	Q	Q			Q	Q
DAD-25	Q	Q	Q	Q			Q	Q
DAD-26	Q	Q	Q	Q			Q	Q
Total	101	101	101	101			101	101
IRRIGATION AND SUPPLY WELLS								
Northern LAA LRG-952	A	A	A	A			A*	
Organ LRG-458 S	A	A	A	A			A*	
Moutain View LRG-00457	A	A	A	A			A*	
Buena Vista I LRG-05117	A	A	A	A			A*	
Bright Star LRG-00953	A	A	A	A			A*	
Dominguez 2 LRG-956	A	A	A	A			A*	
Dominguez LRG-00591-S & LRG-00591-S-2	A	A	A	A			A*	
Domingez LRG-00590-S-6	A	A	A	A			A*	

TABLE 3. MONITORING REGIMEN
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Monitoring Regimen							
	Nitrate	TKN	Chloride	TDS	TOC[1]	CSIA[1]	Field Parameters	Gauging
Gonzalez LRG-05351-S	A	A	A	A			A*	
Buena Vista II LRG-01876	A	A	A	A			A*	
River Valley LRG-524-S-2	A	A	A	A			A*	
River Valley LRG-14495-POD1 (next to DAD-08)	A	A	A	A			A*	
Big Sky LRG-4116	A	A	A	A			A*	
Sunset LRG-3348-AS	A	A	A	A			A*	
Desert Land LRG-3348-B	A	A	A	A			A*	
Del Oro LRG-5820, LRG-5820-S, & LRG-5820-S-2	A	A	A	A			A*	
Total	16	16	16	16			16	

NOTES:
Parameters include: pH, specific conductence, dissolved oxygen and oxidation reduction potential.
* Well contains dedicated pump - dissolved oxygen and oxidation reduction potential will not be measured.
[1] 16 wells will be analyzed for CSIA nitrogen isotope and total organic carbon analysis baseline and within five year periods. NMED and DAD will determine sample locations and timing.
A = Annual sampling event
CSIA = Compound-specific isotope analysis
DP = Discharge plan
Q = Quarterly sampling event
TDS = Total dissolved solids
TKN = Total kjeldhal nitrogen
TOC = Total organic carbon

TABLE 4. SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL METHODS AND SAMPLING REQUIREMENTS
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Target Analytes	Analytical Method	Sample Container	Preservative	Holding Time
Nitrate - N	EPA 300.0	250 mL HDPE Bottle	Cool to <6°C,	48 Hours
Total Kjeldhal Nitrogen	SM 4500 NORG C	250 mL HDPE Bottle	H_2SO_4 to pH <2, Cool to <6°C	28 Days
Chloride	EPA 300.0	250 mL HDPE Bottle	Cool to <6°C	28 Days
Total Dissolved Solids	SM 2540 C MOD	250 mL HDPE Bottle	Cool to <6°C	28 Days
Total Organic Carbon	EPA 415.1	2 - 40 mL Glass VOA Vial	H_2SO_4 to pH <2, Cool to <6°C	28 Days
CSIA - $^{15}N/^{14}N$	$^{15}N/^{14}N$ ($\delta^{15}N$)	1 - 1 liter Plastic Poly Bottle	Freeze and Ship	-

NOTES:
°C = Degree Celsius
^{14}N = Nitrogen 14
^{15}N = Nitrogen 15
CSIA = Compound-specific isotope analysis
EPA = U.S. Environmental Protection Agency
HDPE = High-density polyethylene
mL = milliliter
MOD = Modified
N = Nitrogen
SM= Standard method
VOA = Volatile organic analysis

TABLE 5. DRILLING SCOPE OF WORK
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Boring/Well Type	Location	Number Borings	Drilling Footage (feet)	Groundwater Matrix					
				Nitrate-N	Chloride	TDS	TKN	Parameters	Well Gauging
DAD-23	Northern Portion - Del Cerro Subdivision	1	75	1	1	1	1	1	1
DAD-25	Central Portion - Further South Along Pivot, no More than Half the Distance to the Property Line, if Possible	1	80	1	1	1	1	1	1
DAD-24	Central Portion - Vertical Delineation Well Adjacent to DAD-19	1	130	1	1	1	1	1	1
DAD-26	Southern Portion - Between DAD-20 and DAD-22	1	65	1	1	1	1	1	1