Station Date Collected	Waterbody Description Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)	Old Number / Station ID / Latitude / Longitude / County
	Animas River at NM/CO border														**AR01**				***NMED NM***
18-Apr-02	W	*C.dubia 4-day*	○	5	0						4	8.2	101	179	426	< 0.1	0.2		
	W	*P.promelas 4-day*	○	2.5	2.5						4	8.2	101	179	426	< 0.1	0.2		
	S	*C.dubia 4-day*	○	0	0						4	8.2	196	176	452	< 0.1	8.0		
	S	*P.promelas 4-day*	◉	25	2.5						4	8.2	196	176	452	< 0.1	8.0		
23-Sep-02	W	*C.dubia 4-day*	○	0	0						4	8.5	138	258	586	0.3	0.1		
	W	*P.promelas 4-day*	○	0	0						4	8.5	138	258	586	0.3	0.1		
	S	*C.dubia 4-day*	○	0	0						4	7.5	232	241	636	0.7	0.5		
	S	*P.promelas 4-day*	○	12.5	0						4	7.5	232	241	636	0.7	0.5		
	Animas River at Farmington														**AR02**				***NMED NM***
18-Apr-02	W	*C.dubia 4-day*	○	0	0						4	8.3	114	276	674	< 0.1	0.3		
	W	*P.promelas 4-day*	○	2.5	2.5						4	8.3	114	276	674	< 0.1	0.3		
	S	*C.dubia 4-day*	◉	100	0						4	8.4	230	172	519	< 0.1	2.6		
	S	*P.promelas 4-day*	◉	12.5	2.5						4	8.4	230	172	519	< 0.1	2.6		
23-Sep-02	W	*C.dubia 4-day*	○	0	0						4	8.3	165	336	789	0.3	0.4		
	W	*P.promelas 4-day*	○	5	0						4	8.3	165	336	789	0.3	0.4		
	S	*C.dubia 4-day*	○	0	0						4	7.6	247	276	662	0.5	0.5		
	S	*P.promelas 4-day*	○	5	0						4	7.6	247	276	662	0.5	0.5		
10-Sep-07	s	*C.dubia 4-day*	○	10	5						4	8.4	173	200	415	0	0.8		
	s	*P.promelas 4-day*	○	2.5	0						4	8.4	173	200	415	0	0.8		
	Black River above Rattlesnake Spring														**BlackR1**				***NMED NM***
13-May-03	W	*C.dubia 4-day*	○	5	5						4	7.9	160	1387	2220	0.4	0.2		
	W	*P.promelas 4-day*	○	0	0						4	7.9	160	1387	2220	0.4	0.2		
	S	*C.dubia 4-day*	○	5	0						4	7.6	395	208	844	2.2	15.0		
	S	*P.promelas 4-day*	○	5	0						4	7.6	395	208	844	2.2	15.0		
	Black River at Higby Hole														**BlackR2**				***NMED NM***
13-May-03	W	*C.dubia 4-day*	◉	100	5						4	7.8	182	2246	6190	0.4	2.0		
	W	*P.promelas 4-day*	◉	30	0						4	7.8	182	2246	6190	0.4	2.0		
	S	*C.dubia 4-day*	○	0	0						4	7.7	244	390	1215	0.4	3.0		
	S	*P.promelas 4-day*	○	20	0						4	7.7	244	390	1215	0.4	3.0		
13-Aug-07	I	*C.dubia 4-day*	○	0	5						4	7.8	132	1499	4020	< 0.1	0.6		
	I	*P.promelas 4-day*	○	0	0						4	7.8	132	1499	4020	< 0.1	0.6		
	Rio Grande at New Bridge #74														**Bridge74**				***San Juan NM***
13-Sep-99	W	*C.dubia 7-day*	○	0	0	○	14.5	16.5			7	8.1	69	64	139	< 0.1	0.2		

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station / Date Collected	Waterbody Description / Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Continued . . .	**Rio Grande at New Bridge #74**																	
13-Sep-99	W	*P.promelas 7-day*	○	3	3						7	8.1	69	64	139	< 0.1	0.2	
	Cochiti Reservoir (deep water at dam)													Old Number:	Station ID: **Coch01**	Latitude: **35°37'06"**	Longitude: **106°18'54"**	County: ***NMED*** ***NM***
16-May-01	W	*C.dubia 7-day*	○	0	0	●	14.0	17.9			7	7.8	74	90	228	0.1	0.6	
	W	*P.promelas 7-day*	○	3	0						7	7.8	74	90	228	0.1	0.6	
	S	*C.dubia 7-day*	○	10	0	○	15.7	17.8			7	7.9	156	184	450	0.2	3.0	
	S	*P.promelas 7-day*	○	3	0						7	7.9	156	184	450	0.2	3.0	
15-Aug-01	W	*C.dubia 7-day*	○	0	0	○	17.3	17.6			7	8.0	72	86	220	< 0.1	0.2	
	W	*P.promelas 7-day*	○	0	3						7	8.0	72	86	220	< 0.1	0.2	
	S	*C.dubia 7-day*	○	0	0	○	18.4	18.2			7	7.7	148	192	538	< 0.1	4.8	
	S	*P.promelas 7-day*	○	7	3						7	7.7	148	192	538	< 0.1	4.8	
03-Oct-01	W	*C.dubia 7-day*	○	0	0	●	15.3	17.3			7	8.1	76	90	250	< 0.1	0.3	
	W	*P.promelas 7-day*	○	10	3						7	8.1	76	90	250	< 0.1	0.3	
	S	*C.dubia 7-day*	○	0	0	○	17.8	17.3			7	7.9	158	202	360	< 0.1	3.4	
	S	*P.promelas 7-day*	○	3	3						7	7.9	158	202	360	< 0.1	3.4	
	Cochiti Reservoir (shallow water)													Old Number:	Station ID: **Coch02**	Latitude: **35°40'17"**	Longitude: **106°18'04"**	County: ***NMED*** ***NM***
16-May-01	W	*C.dubia 7-day*	○	0	0	○	17.4	17.9			7	8.1	71	82	208	0.1	0.5	
	W	*P.promelas 7-day*	○	3	0						7	8.1	71	82	208	0.1	0.5	
	S	*C.dubia 7-day*	○	0	0	○	18.7	17.8			7	8.0	146	174	446	0.2	1.5	
	S	*P.promelas 7-day*	○	7	0						7	8.0	146	174	446	0.2	1.5	
15-Aug-01	W	*C.dubia 7-day*	○	0	0	○	17.7	17.6			7	7.9	70	78	245	< 0.1	0.2	
	W	*P.promelas 7-day*	○	7	3						7	7.9	70	78	245	< 0.1	0.2	
	S	*C.dubia 7-day*	○	0	0	○	18.1	18.2			7	7.7	134	182	614	0.3	0.5	
	S	*P.promelas 7-day*	○	3	3						7	7.7	134	182	614	0.3	0.5	
03-Oct-01	W	*C.dubia 7-day*	○	0	0	○	16.1	17.3			7	8.0	68	84	268	< 0.1	0.2	
	W	*P.promelas 7-day*	○	0	3						7	8.0	68	84	268	< 0.1	0.2	
	S	*C.dubia 7-day*	●	100	0	○	0.0	17.3			4	7.9	142	168	355	< 0.1	0.2	
	S	*P.promelas 7-day*	○	3	3						7	7.9	142	168	355	< 0.1	0.2	
	Los Alamos Canyon at Los Alamos													Old Number:	Station ID: **E025**	Latitude: **35°52'50"**	Longitude: **106°19'46"**	County: ***LANL*** ***NM***
15-Mar-01	W	*C.dubia 4-day*	○	0	5						4	7.7	38	75	142	< 0.1	0.4	
	W	*C.dubia 4-day*	○	5	5						4	7.8	38	58	140	< 0.1	0.5	
02-May-01	W	*C.dubia 4-day*	○	0	0						4	7.9	40	42	127	< 0.1	0.2	
	Los Alamos Canyon near Los Alamos													Old Number:	Station ID: **E042**	Latitude: **35°52'01"**	Longitude: **106°13'25"**	County: ***LANL*** ***NM***
15-Mar-01	W	*C.dubia 4-day*	○	0	5						4	7.7	38	58	145	< 0.1	0.2	
02-May-01	W	*C.dubia 4-day*	○	0	0						4	7.9	44	62	197	< 0.1	0.2	
	Los Alamos Canyon													Old Number:	Station ID: **E050**	Latitude:	Longitude:	County: ***LANL*** ***NM***
15-Mar-01	W	*C.dubia 4-day*	○	0	5						4	7.8	37	59	155	< 0.1	0.4	

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description												Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Continued . . .	**Los Alamos Canyon**																	
02-May-01	W	*C.dubia 4-day*	○	0	0						4	7.8	45	58	187	< 0.1	0.2	
	Pajarito Canyon above SR501 (western boundary of USFS/LANL)														**E240**	**35°52'04"**	**106°21'09"**	***LANL*** ***NM***
11-Sep-00	W	*C.dubia 7-day*	○	10	0	○	18.5	17.7			7	7.9	77	81	154	< 0.1	1.4	
	W	*P.promelas 7-day*	○	3	0						7	7.9	77	81	154	< 0.1	1.4	
18-Apr-01	W	*C.dubia 4-day*	○	0	0						4	7.6	28	124	360	< 0.1	0.2	
	Pajarito Canyon above SR4														**E250**	**35°49'27"**	**106°13'41"**	***LANL*** ***NM***
18-Apr-01	W	*C.dubia 4-day*	○	0	0						4	7.7	36	152	94	< 0.1	0.2	
	Elephant Butte Reservoir - mid-channel off Monticello Point														**EB1**	**33°17'52"**	**107°10'10"**	***NMED*** ***NM***
21-Apr-03	W	*C.dubia 4-day*	○	0	0						4	8.3	168	215	813	0.4	0.5	
	W	*P.promelas 4-day*	○	0	0						4	8.3	168	215	813	0.4	0.5	
	S	*C.dubia 4-day*	○	0	0						4	7.8	207	176	619	1	1.0	
	S	*P.promelas 4-day*	○	0	0						4	7.8	207	176	619	1	1.0	
18-Aug-03	W	*C.dubia 4-day*	○	5	10						4	8.2	129	171	913	0.6	0.2	
	W	*P.promelas 4-day*	○	2.5	0						4	8.2	129	171	913	0.6	0.2	
	S	*C.dubia 4-day*	○	0	0						4	8.2	225	176	591	0.3	5.8	
	S	*P.promelas 4-day*	○	0	0						4	8.2	225	176	591	0.3	5.8	
17-Nov-03	W	*C.dubia 4-day*	○	15	0						4	8.4	140	212	969	1	0.5	
	W	*P.promelas 4-day*	○	5	0						4	8.4	140	212	969	1	0.5	
	S	*C.dubia 4-day*	○	0	10						4	7.9	203	184	586	3.1	2.9	
	S	*P.promelas 4-day*	○	7.5	2.5						4	7.9	203	184	586	3.1	2.9	
	Elephant Butte Reservoir @ Marina Del Sur														**EB2**	**33°10'55"**	**107°11'52"**	***NMED*** ***NM***
21-Apr-03	W	*C.dubia 4-day*	◉	80	0						4	8.4	155	200	753	0.2	0.6	
	W	*P.promelas 4-day*	○	0	0						4	8.4	155	200	753	0.2	0.6	
	S	*C.dubia 4-day*	○	0	0						4	7.9	232	178	548	1.9	0.2	
	S	*P.promelas 4-day*	○	0	0						4	7.9	232	178	548	1.9	0.2	
18-Aug-03	W	*C.dubia 4-day*	○	5	10						4	8.4	135	170	818	0.5	0.2	
	W	*P.promelas 4-day*	○	0	0						4	8.4	135	170	818	0.5	0.2	
	S	*C.dubia 4-day*	○	0	0						4	8.0	206	166	564	0.9	6.2	
	S	*P.promelas 4-day*	○	0	0						4	8.0	206	166	564	0.9	6.2	
17-Nov-03	W	*C.dubia 4-day*	○	0	0						4	8.2	130	196	909	0.5	0.5	
	W	*P.promelas 4-day*	○	0	0						4	8.2	130	196	909	0.5	0.5	
	Elephant Butte Reservoir at Damsite Marina														**EB3**	**33°09'01"**	**107°10'56"**	***NMED*** ***NM***
21-Apr-03	W	*C.dubia 4-day*	◉	65	0						4	8.4	164	193	760	0.4	0.4	
	W	*P.promelas 4-day*	○	2.5	0						4	8.4	164	193	760	0.4	0.4	
	S	*C.dubia 4-day*	○	0	0						4	7.8	224	159	513	1.8	1.9	
	S	*P.promelas 4-day*	○	0	0						4	7.8	224	159	513	1.8	1.9	

Sample Types

W=Water ◉ Significant Difference

S=Sediment ○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station / Date Collected	Waterbody Description / Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Old Number / Station ID / Conductivity (umhos/cm)	Latitude / Total Chlorine (mg/L)	Longitude / Total Ammonia-N (mg/L)	County / Unionized Ammonia-N (mg/l)
Continued . . .	**Elephant Butte Reservoir at Damsite Marina**																	
18-Aug-03	W	*C.dubia 4-day*	○	5	10						4	8.4	139	169	794	0.4	0.4	
	W	*P.promelas 4-day*	○	0	0						4	8.4	139	169	794	0.4	0.4	
	S	*C.dubia 4-day*	○	0	0						4	7.8	208	161	527	0.5	3.8	
	S	*P.promelas 4-day*	○	0	0						4	7.8	208	161	527	0.5	3.8	
17-Nov-03	W	*C.dubia 4-day*	○	0	0						4	8.2	139	214	848	0.4	0.2	
	W	*P.promelas 4-day*	○	0	0						4	8.2	139	214	848	0.4	0.2	
	S	*C.dubia 4-day*	○	5	10						4	7.7	207	151	537	1.9	3.4	
	S	*P.promelas 4-day*	○	0	2.5						4	7.7	207	151	537	1.9	3.4	
	Guaji Canyon at SR502 (0.25mi upstream from Los Alamos Canyon)														**EGS4**			***LANL*** ***NM***
11-Sep-00	W	*C.dubia 7-day*	○	0	0	○	16.0	17.7			7	8.2	135		244	< 0.1	0.2	
	W	*P.promelas 7-day*	○	0	0						7	8.2	135		244	< 0.1	0.2	
	Encinal Creek														**ENC-01**			***Laguna*** ***NM***
12-Jun-06	s	*C.dubia 4-day*	○	10	5						4	7.7	80	364	586	1	1.1	
	s	*P.promelas 4-day*	○	0	0						4	7.7	80	364	586	1	1.1	
	l	*C.dubia 4-day*	○	5	10						4	8.1	96	59	158	0.1	0.1	
	l	*P.promelas 4-day*	○	0	0						4	8.1	96	59	158	0.1	0.1	
31-Jul-06	s	*C.dubia 4-day*	○	0	10						4	8.0	74	139	599	< 0.1	1.2	
	s	*P.promelas 4-day*	○	2.5	2.5						4	8.0	74	139	599	< 0.1	1.2	
	Middle Fork of the Gila River														**Gila01**			***NMED*** ***NM***
13-Nov-02	S	*C.dubia 4-day*	○	0	5						4	7.8	170	160	482	0.9	0.2	
	S	*P.promelas 4-day*	○	0	5						4	7.8	170	160	482	0.9	0.2	
	Jemez River below Vallecitos Creek														**JEM01**	**35°37'25"**	**106°43'55"**	***NMED*** ***NM***
15-Jul-98	W	*C.dubia 7-day*	○	0	0	○	18.5	17.6			7	8.2	176	156	575	< 0.1	0.1	
	W	*P.promelas 7-day*	○	0	0						7	8.2	176	156	575	< 0.1	0.1	
	S	*C.dubia 7-day*	○	0	0	○	19.2	17.7			7	7.4	278	296	646	< 0.1	2.4	
	S	*P.promelas 7-day*	○	0	3						7	7.4	278	296	646	< 0.1	2.4	
	Jemez River above confluence with Rio Guadalupe														**JEM02**	**35°41'47"**	**106°44'24"**	***NMED*** ***NM***
15-Jul-98	W	*C.dubia 7-day*	○	0	0	○	19.6	17.6			7	8.2	162	160	326	< 0.1	0.2	
	W	*P.promelas 7-day*	○	0	0						7	8.2	162	160	326	< 0.1	0.2	
	S	*C.dubia 7-day*	○	0	0	○	20.4	17.7			7	7.8	242	240	606	< 0.1	1.8	
	S	*P.promelas 7-day*	○	0	3						7	7.8	242	240	606	< 0.1	1.8	
	Los Alamos Canyon - 0.25 mi upstream from LA Reservoir, 12.5mi upstream from Rio Grande														**LA-12.5**			***NMED*** ***NM***
31-Aug-00	W	*C.dubia 7-day*	○	0	0	○	17.3	17.7			7	8.0	110	117	184	< 0.1	0.5	
	W	*P.promelas 7-day*	○	0	0						7	8.0	110	117	184	< 0.1	0.5	
	Los Alamos Reservoir														**LosAlRes**			***NMED*** ***NM***

<u>Sample Types</u>
W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

<u>Primary Endpoints</u>
Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

<u>Secondary Endpoints</u>
Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)							
Continued . . .	**Los Alamos Reservoir**																								
31-Aug-00	W	*C.dubia 7-day*	○	0	0	○	24.3	17.7			7	8.2	206	300	326	< 0.1	1.6								
	W	*P.promelas 7-day*	○	3	0						7	8.2	206	300	326	< 0.1	1.6								
	Middle Rio Grande-at Bosque del Apache National Wildlife Refuge																				**MRG10**			***NMED***	***NM***
30-Jul-07	s	*C.dubia 7-day*	○	10	0	○	15.6	17.2			7	7.8	153	156	461	0	0.6								
	s	*P.promelas 7-day*	○	0	3						7	7.8	153	156	461	0	0.6								
	Middle Rio Grande-From near the mouth to about 0.25 miles downstream of AMAFCA North Diversion Pilot Channel																				**MRG3**			***NMED***	***NM***
23-Jul-07	s	*C.dubia 7-day*	○	0	0	○	16.7	18.4			7	7.2	150	210	574	< 0.1	1.4								
	s	*P.promelas 7-day*	○	0	0						7	7.2	150	210	574	< 0.1	1.4								
	Middle Rio Grande from near the mouth to about 0.25 miles downstream of the citys southside water reclamation plant discharge																				**MRG4**			***NMED***	***NM***
23-Jul-07	s	*C.dubia 7-day*	○	0	0	●	13.6	16.7			7	7.4	122	134	498	< 0.1	1.2								
	s	*P.promelas 7-day*	○	0	0						7	7.4	122	134	498	< 0.1	1.2								
	Middle Rio Grande-From near the mouth to about 0.25 miles downstream of the AMAFCA South Diversion Channel																				**MRG5**			***NMED***	***NM***
23-Jul-07	s	*C.dubia 7-day*	○	0	0	○	16.6	16.7			7	7.4	123	166	560	< 0.1	0.5								
	s	*P.promelas 7-day*	○	0	0						7	7.4	123	166	560	< 0.1	0.5								
	Middle Rio Grande-Immediately upstream of the I-25 bridge																				**MRG6**			***NMED***	***NM***
23-Jul-07	s	*C.dubia 7-day*	○	0	0	○	17.3	16.7			7	7.4	183	216	549	< 0.1	1.0								
	s	*P.promelas 7-day*	●	20	0						7	7.4	183	216	549	< 0.1	1.0								
	Middle Rio Grande at Los Lunas																				**MRG7**			***NMED***	***NM***
30-Jul-07	s	*C.dubia 7-day*	○	0	0	○	15.1	17.2			7	7.7	222	200	541	< 0.1	1.3								
	s	*P.promelas 4-day*	○	3	3						7	7.7	222	200	541	< 0.1	1.3								
	Middle Rio Grande-below confluence with the Rio Puerco																				**MRG8**			***NMED***	***NM***
30-Jul-07	s	*C.dubia 7-day*	○	0	0	●	11.7	17.2			7	7.8	153	156	461	0	0.6								
	s	*P.promelas 7-day*	○	3	3						7	7.8	153	156	461	0	0.6								
	Middle Rio Grande-Immediately upstream of San Acacia Dam																				**MRG9**			***NMED***	***NM***
16-Jul-07	s	*C.dubia 7-day*	○	0	0	○	16.6	16.1			7	7.4	196	272	628	0.1	1.8								
	s	*P.promelas 7-day*	○	3	0						4	7.4	196	272	628	0.1	1.8								
	Carrizo Creek above Rio Ruidoso at Two Rivers Park																				**NMED03**			***NMED***	***NM***
22-Sep-03	W	*C.dubia 4-day*	○	0	10						4	8.2	189	745	1318	0.4	0.6								
	W	*P.promelas 4-day*	○	5	0						4	8.2	189	745	1318	0.4	0.6								
	S	*C.dubia 4-day*	○	0	5						4	7.8	323	366	757	1.5	1.9								
	S	*P.promelas 4-day*	●	22.5	0						4	7.8	323	366	757	1.5	1.9								
	Rio Ruidoso below Ruidoso WWTP																				**NMED09**			***NMED***	***NM***
22-Sep-03	W	*C.dubia 4-day*	○	15	10						4	8.2	161	770	1542	0.5	0.6								
	W	*P.promelas 4-day*	○	2.5	0						4	8.2	161	770	1542	0.5	0.6								

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description														Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)		
Continued . . .	**Rio Ruidoso below Ruidoso WWTP**																			
22-Sep-03	S	*C.dubia 4-day*	○	0	5						4	7.5	273	311	754		3.5	1.9		
	S	*P.promelas 4-day*	○	0	0						4	7.5	273	311	754		3.5	1.9		
	Rio Hondo at Riverside														**NMED17**				***NMED***	***NM***
22-Sep-03	W	*C.dubia 4-day*	○	5	10						4	8.1	179	961	1722		0.3	0.6		
	W	*P.promelas 4-day*	○	0	0						4	8.1	179	961	1722		0.3	0.6		
	S	*C.dubia 4-day*	○	10	5						4	8.3	320	352	738		1.2	1.4		
	S	*P.promelas 4-day*	○	0	0						4	8.3	320	352	738		1.2	1.4		
	Pecos River at Brainard Lake														**NMED3**				***NMED***	***NM***
30-Jul-97	W	*C.dubia 7-day*	◉	100	0	○		18.2			7	8.1	102		9460	<	0.1	1.7		
	W	*P.promelas 7-day*	○	3	0						7	8.1	102		9460	<	0.1	1.7		
	Pecos River Below Sumner Dam														**NMED4**				***NMED***	***NM***
30-Jul-97	W	*C.dubia 7-day*	○	0	0	○	19.0	18.2			7	8.1	108	548	1090	<	0.1	0.5		
	W	*P.promelas 7-day*	○	0	0						7	8.1	108	548	1090	<	0.1	0.5		
14-Jul-03	W	*C.dubia 4-day*	○	0	0						4	8.1	102	1005	1712		0.4	0.9		
	W	*P.promelas 4-day*	○	0	0						4	8.1	102	1005	1712		0.4	0.9		
	S	*C.dubia 4-day*	○	0	0						4	7.6	264	304	805		1.3	3.1		
	S	*P.promelas 4-day*	○	0	0						4	7.6	264	304	805		1.3	3.1		
	Pecos River below Fort Sumner WWTP														**NMED4a**				***NMED***	***NM***
14-Jul-03	W	*C.dubia 4-day*	○	10	0						4	7.9	127	1196	2040		0.2	1.2		
	W	*P.promelas 4-day*	○	0	0						4	7.9	127	1196	2040		0.2	1.2		
	S	*C.dubia 4-day*	○	10	0						4	8.1	256	354	888		0.6	2.4		
	S	*P.promelas 4-day*	○	7.5	0						4	8.1	256	354	888		0.6	2.4		
	Pecos River Below Bitter Lakes														**NMED5**				***NMED***	***NM***
30-Jul-97	W	*C.dubia 7-day*	○	10	0	◉	0.0	18.2			7	8.0	88		7000	<	0.1	0.7		
	W	*P.promelas 7-day*	○	3	0						7	8.0	88		7000	<	0.1	0.7		
	Santa Fe River below La Cienega Park														**NMED-SF1**	**35°35'39"**	**106°09'39"**		***NMED***	***NM***
01-Dec-98	W	*C.dubia 7-day*	○	0	0	○	17.3	18.4			7	8.6	250	163	526	<	0.1	0.6		
	W	*P.promelas 7-day*	○	3	3						7	8.6	250	163	526	<	0.1	0.6		
	Santa Fe River below WWTP														**NMED-SF2**	**35°63'00"**	**106°09'00"**		***NMED***	***NM***
01-Dec-98	W	*C.dubia 7-day*	○	0	0	○	19.7	18.4			7	7.8	247	106	621	<	0.1	0.6		
	W	*P.promelas 7-day*	○	0	3						7	7.8	247	106	621	<	0.1	0.6		
	Santa Fe River at USGS Gauge														**NMED-SF3**				***NMED***	***NM***
01-Dec-98	W	*C.dubia 7-day*	○	0	0	○	18.0	18.4			7	8.4	250	147	600	<	0.1	0.5		
	W	*P.promelas 7-day*	○	0	3						7	8.4	250	147	600	<	0.1	0.5		
	Willow Creek below white drain														**NMED-WC1**	**35°45'27"**	**105°40'17"**		***NMED***	***NM***

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description														Old Number	Station ID	Latitude	Longitude	County

Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Continued . . .	**Willow Creek below white drain**																	
02-Dec-98	W	*C.dubia 7-day*	◉	100	0	○	0.0	18.4			1	7.2	151	340	492	< 0.1	0.6	
	W	*P.promelas 7-day*	◉	100	3						1	7.2	151	340	492	< 0.1	0.6	
	S	*C.dubia 7-day*	◉	100	0	○	0.0	18.3			1	8.7	263	32	1229	< 0.1	0.7	
	S	*P.promelas 7-day*	◉	43	0						7	8.7	263	32	1229	< 0.1	0.7	
22-Feb-99	W	*C.dubia 7-day*	◉	100	0	○	0.0	18.0			1	8.1	164	178	268	< 0.1	0.2	
	W	*P.promelas 7-day*	◉	47	3						7	8.1	164	178	268	< 0.1	0.2	
	S	*C.dubia 7-day*	◉	100	0	○	0.0	18.4			1	8.0	274	500	866	< 0.1	0.2	
	S	*P.promelas 7-day*	◉	30	0						7	8.0	274	500	866	< 0.1	0.2	
29-Feb-00	W	*C.dubia 7-day*	◉	100	0	○					1	8.1	345	390	563	0.1	0.1	
	W	*P.promelas 7-day*	○	0	3						7	8.1	345	390	563	0.1	0.1	
	S	*C.dubia 7-day*	◉	100	0	○					1	7.5	299	500	741	< 0.1	0.2	
	S	*P.promelas 7-day*	○	3	3						7	7.5	299	500	741	< 0.1	0.2	
27-Mar-00	W	*C.dubia 7-day*	◉	100	0	○					7	7.5	337	399	595	< 0.1	0.4	
	W	*P.promelas 7-day*	○	3	0						7	7.5	337	399	595	< 0.1	0.4	
	S	*C.dubia 7-day*	◉	100	0	○					1	8.3	280	500	816	< 0.1	0.4	
	S	*P.promelas 7-day*	○	3	0						7	8.3	280	500	816	< 0.1	0.4	
06-Mar-01	W	*C.dubia 7-day*	◉	100	0	○					1	7.8	300	492	657	< 0.1	0.4	
	W	*P.promelas 7-day*	◉	100	0						1	7.8	300	492	657	< 0.1	0.4	
	S	*C.dubia 7-day*	◉	100	0	○					1	7.9	300	485	807	0.1	1.0	
	S	*P.promelas 7-day*	○	0	0						7	7.9	300	485	807	0.1	1.0	
13-Mar-02	W	*C.dubia 4-day*	◉	100	0						1	8.1	251	332	633	< 0.1	0.3	
	W	*P.promelas 4-day*	◉	100	0						3	8.1	251	332	633	< 0.1	0.3	
	S	*C.dubia 4-day*	◉	100	0						1	7.5	208	340	610	< 0.1	0.2	
	S	*P.promelas 4-day*	◉	100	0						3	7.5	208	340	610	< 0.1	0.2	
17-Mar-03	W	*C.dubia 4-day*	◉	100	0						4	7.6	173	250	403	0.2	0.2	
	W	*P.promelas 4-day*	◉	33	0						4	7.6	173	250	403	0.2	0.2	
	S	*C.dubia 4-day*	◉	100	0						4	7.3	265	298	631	0.3	0.4	
	S	*P.promelas 4-day*	◉	38	0						4	7.3	265	298	631	0.3	0.4	
24-Sep-07	I	*C.dubia 7-day*	○	0	10	◉	10.7	15.8			7	8.1	144	160	309	0	0.5	
	I	*C.dubia 7-day*	○	0	0	◉	6.5	15.4			7	8.1	144	160	309	0	0.5	
	I	*P.promelas 7-day*	○	7	3						7	8.1	144	160	309	0	0.5	
	I	*P.promelas 7-day*	○	7	0						7	8.1	144	160	309	0	0.5	
	Willow Creek at first culvert														**NMED-WC2**	**35°45'33"**	**105°39'51"**	***NMED*** ***NM***
02-Dec-98	W	*C.dubia 7-day*	○	0	0	◉	5.0	18.4			7	8.3	154	180	260	< 0.1	0.5	
	W	*P.promelas 7-day*	○	0	3						7	8.3	154	180	260	< 0.1	0.5	
	S	*C.dubia 7-day*	○	0	0	○	18.1	18.3			7	8.7	208	212	392	0.2	1.9	
	S	*P.promelas 7-day*	○	0	0						7	8.7	208	212	392	0.2	1.9	
22-Feb-99	W	*C.dubia 7-day*	○	0	0	◉	10.0	18.0			7	8.2	156	174	270	0.1	0.2	

Sample Types
W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints
Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints
Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description														Old Number / Station ID	Latitude	Longitude	County	
Date Collected	**Sample Type**	**Test Tyoe**	**Primary Endpoint**	**Test Percent Affected**	**Control Percent Affected**	**Secondary Endpoint**	**Test YPF**	**Control YPF**	**Test Weight (mg)**	**Control Weight (mg)**	**Test Duration (Days)**	**pH (S.U.)**	**Alkalinity (mg/L)**	**Hardness (mg/L)**	**Conductivity (umhos/cm)**	**Total Chlorine (mg/L)**	**Total Ammonia-N (mg/L)**	**Unionized Ammonia-N (mg/l)**	
Continued . . .	**Willow Creek at first culvert**																		
22-Feb-99	W	*P.promelas 7-day*	○	0	3						7	8.2	156	174	270	0.1	0.2		
	S	*C.dubia 7-day*	○	0	0	○	20.9	18.4			7	8.1	226	244	475	< 0.1	0.7		
	S	*P.promelas 7-day*	○	3	0						7	8.1	226	244	475	< 0.1	0.7		
	Willow Creek - reference site														**NMED-WC3**	**35°45'54"**	**105°38'05"**	***NMED***	***NM***
02-Dec-98	W	*C.dubia 7-day*	○	10	0	○	18.7	18.4			7	8.3	147	158	257	< 0.1	0.5		
	W	*P.promelas 7-day*	○	3	3						7	8.3	147	158	257	< 0.1	0.5		
	S	*C.dubia 7-day*	○	0	0	○	19.1	18.3			7	8.3	209	222	444	< 0.1	2.3		
	S	*P.promelas 7-day*	○	7	0						7	8.3	209	222	444	< 0.1	2.3		
22-Feb-99	W	*C.dubia 7-day*	○	0	0	○	18.2	18.0			7	8.3	147	160	233	< 0.1	0.4		
	W	*P.promelas 7-day*	○	3	3						7	8.3	147	160	233	< 0.1	0.4		
	S	*C.dubia 7-day*	○	0	0	○	19.2	18.4			7	7.4	307	263	487	< 0.1	3.7		
	S	*P.promelas 7-day*	○	3	0						7	7.4	307	263	487	< 0.1	3.7		
	Willow Creek at 4th culvert and mine gate														**NMED-WC4**	**35°45'30"**	**105°39'36"**	***NMED***	***NM***
02-Dec-98	W	*C.dubia 7-day*	○	0	0	●	17.0	18.4			7	8.2	157	163	264	< 0.1	0.5		
	W	*P.promelas 7-day*	○	0	3						7	8.2	157	163	264	< 0.1	0.5		
	S	*C.dubia 7-day*	○	0	0	○	18.9	18.3			7	8.3	136	147	321	< 0.1	0.1		
	S	*P.promelas 7-day*	○	0	0						7	8.3	136	147	321	< 0.1	0.1		
	Willow Creek 0.75mi above Terrerro Mine														**NMED-WC5**	**35°45'48"**	**105°38'27"**	***NMED***	***NM***
22-Feb-99	W	*C.dubia 7-day*	○	0	0	○	15.9	18.0			7	8.1	156	175	248	< 0.1	0.2		
	W	*P.promelas 7-day*	○	3	3						7	8.1	156	175	248	< 0.1	0.2		
	S	*C.dubia 7-day*	○	0	0	○	17.1	18.4			7	8.3	217	227	440	< 0.1	1.1		
	S	*P.promelas 7-day*	○	0	0						7	8.3	217	227	440	< 0.1	1.1		
	Willow Creek - South Braid 100 yards southwest of white drain site														**NMED-WC6**			***NMED***	***NM***
27-Mar-00	S	*C.dubia 7-day*	●	100	0	○					1	8.0	223	248	461	< 0.1	0.3		
	S	*P.promelas 7-day*	○	7	0						7	8.0	223	248	461	< 0.1	0.3		
	Rio Nambe														**NR1**	**35°53'11"**	**105°58'03"**	***Nambe***	***NM***
27-May-98	W	*C.dubia 7-day*	○	0	0	○	17.6	16.2			7	8.2	50	56	107	< 0.1	0.2		
	W	*P.promelas 7-day*	○	0	0						7	8.2	50	56	107	< 0.1	0.2		
30-Jun-98	W	*C.dubia 7-day*	○	10	0	○	14.0	14.9			7	8.1	62	76	124	< 0.1	0.1		
	W	*P.promelas 7-day*	○	7	3						7	8.1	62	76	124	< 0.1	0.1		
	S	*C.dubia 7-day*	●	90	0	●	1.4	14.9			7	7.8	190	248	488	< 0.1	0.2		
	S	*P.promelas 7-day*	○	0	3						7	7.8	190	248	488	< 0.1	0.2		
29-Sep-98	W	*C.dubia 7-day*	○	0	0	○	18.5	17.8			7	8.5	123	112	207	< 0.1	0.5		
	W	*P.promelas 7-day*	○	0	3						7	8.5	123	112	207	< 0.1	0.5		
14-Dec-98	W	*C.dubia 7-day*	○	0	0	○	17.8	18.5			7	8.1	108	96	195	< 0.1	0.6		
	W	*P.promelas 7-day*	○	3	0						7	8.1	108	96	195	< 0.1	0.6		

Sample Types

W=Water ● Significant Difference

S=Sediment ○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.

Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*

Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description														Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)		
Continued . . .	**Rio Nambe**																			
14-Dec-98	S	*C.dubia 7-day*	○	0	0	○	18.1	18.5			7	7.4	164	185	484	0.1	1.4			
	S	*P.promelas 7-day*	○	3	0						7	7.4	164	185	484	0.1	1.4			
30-Mar-99	W	*C.dubia 7-day*	○	0	0	○	15.7	16.7			7	8.0	75	72	116	< 0.1	0.4			
	W	*P.promelas 7-day*	○	0	10						7	8.0	75	72	116	< 0.1	0.4			
	Navajo Reservoir - Los Pinos														**NR-LP**				***NMED***	***NM***
29-Oct-02	W	*C.dubia 4-day*	○	0	10						4	8.0	107	122	298	0.2	0.6			
	W	*P.promelas 4-day*	○	0	0						4	8.0	107	122	298	0.2	0.6			
	S	*C.dubia 4-day*	○	5	5						4	7.6	213	202	480	0.6	3.4			
	S	*P.promelas 4-day*	○	0	0						4	7.6	213	202	480	0.6	3.4			
	Navajo Reservoir at Pine Marina														**NR-PM**				***NMED***	***NM***
29-Oct-02	W	*C.dubia 4-day*	○	0	10						4	8.2	99	109	255	0.2	0.4			
	W	*P.promelas 4-day*	○	0	0						4	8.2	99	109	255	0.2	0.4			
	Pueblo Canyon - 2 miles upstream from Los Alamos Canyon														**PU-2.0**				***NMED***	***NM***
08-Sep-00	W	*C.dubia 7-day*	○	0	0	○	16.0	16.6			7	8.1	143	178	319	0.1	1.0			
	W	*P.promelas 7-day*	○	3	3						7	8.1	143	178	319	0.1	1.0			
	Pueblo Canyon - 6.7 miles upstream from Los Alamos Canyon														**PU-6.7**				***NMED***	***NM***
08-Sep-00	W	*C.dubia 7-day*	◉	100	0	◉	1.6	16.6			7	8.1	117	155	253	0.1	1.3			
	W	*P.promelas 7-day*	○	7	3						7	8.1	117	155	253	0.1	1.3			
	North Tributary to Pueblo Canyon (just upstream from junction with Pueblo Canyon)														**PUN-0.1**				***NMED***	***NM***
08-Sep-00	W	*C.dubia 7-day*	◉	70	0	◉	1.4	16.6			7	8.1	147	208	320	0.1	2.6			
	W	*P.promelas 7-day*	○	0	3						7	8.1	147	208	320	0.1	2.6			
	Redondo Creek														**RED01**	**35°52'34"**	**106°37'53"**		***NMED***	***NM***
15-Jul-98	W	*C.dubia 7-day*	○	0	0	○	18.9	17.6			7	6.7	8	68	168	< 0.1	0.4			
	W	*P.promelas 7-day*	○	0	0						7	6.7	8	68	168	< 0.1	0.4			
	S	*C.dubia 7-day*	○	0	0	○	16.9	17.7			7	7.4	88	140	357	< 0.1	2.2			
	S	*P.promelas 7-day*	○	7	3						7	7.4	88	140	357	< 0.1	2.2			
	Rio Grande, 500 yd above Courchesne Bridge														**RG01**	**31°47'15"**	**-106°31'30"**		***NMED***	***NM***
19-Apr-04	W	*C.dubia 4-day*	○	10	10						4	8.4	158	252	1216	0.6	1.4			
	W	*P.promelas 4-day*	○	2.5	0						4	8.4	158	252	1216	0.6	1.4			
	S	*C.dubia 4-day*	○	0	5						4	7.9	172	176	612	0.5	0.5			
	S	*P.promelas 4-day*	○	0	2.5						4	7.9	172	176	612	0.5	0.5			
20-Sep-04	W	*C.dubia 4-day*	○	5	10						4	9.0	174	192	786	0.8	0.4			
	W	*P.promelas 4-day*	○	5	0						4	9.0	174	192	786	0.8	0.4			
	S	*C.dubia 4-day*	○	15	0						4	8.0	202	155	539	0.4	1.0			
	S	*P.promelas 4-day*	○	0	0						4	8.0	202	155	539	0.4	1.0			

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Date Collected	Sample Type	Test Type	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Station	*Waterbody Description*												*Old Number*	*Station ID*	*Latitude*	*Longitude*	*County*	
Continued . . .	**Rio Grande, 500 yd above Courchesne Bridge**																	
04-Oct-04	W	*C.dubia 4-day*	○	20	10						4	8.6	150	204	974	1.1	0.5	
	W	*P.promelas 4-day*	○	0	7.5						4	8.6	150	204	974	1.1	0.5	
	Rio Grande west of Anthony, NM at NM225													**RG02**			***NMED***	***NM***
19-Apr-04	S	*C.dubia 4-day*	○	5	5						4	8.1	146	155	504	0.2	0.4	
	S	*P.promelas 4-day*	○	2.5	2.5						4	8.1	146	155	504	0.2	0.4	
04-Oct-04	W	*C.dubia 4-day*	○	45	10						4	8.6	143	168	659	0.6	0.6	
	W	*P.promelas 4-day*	○	0	7.5						4	8.6	143	168	659	0.6	0.6	
	Rio Grande, 4 miles downstream of Mesilla Dam at NM28													**RG03**			***NMED***	***NM***
19-Apr-04	S	*C.dubia 4-day*	○	0	5						4	8.1	146	155	504	0.2	0.4	
	S	*P.promelas 4-day*	○	0	2.5						4	8.1	146	155	504	0.2	0.4	
04-Oct-04	W	*C.dubia 4-day*	○	5	10						4	8.5	141	172	679	0.8	0.7	
	W	*P.promelas 4-day*	○	0	7.5						4	8.5	141	172	679	0.8	0.7	
	Rio Grande at Leasburg													**RG04**	**32°30'15"**	**-106°56'15"**	***NMED***	***NM***
19-Apr-04	S	*C.dubia 4-day*	○	0	5						4	8.2	155	155	559	0.2	0.5	
	S	*P.promelas 4-day*	○	2.5	2.5						4	8.2	155	155	559	0.2	0.5	
20-Sep-04	W	*C.dubia 4-day*	○	25	10						4	8.2	178	229	718	0.9	0.5	
	W	*P.promelas 4-day*	○	5	0						4	8.2	178	229	718	0.9	0.5	
	Rio Grande at Derry, NM													**RG05**	**32°48'45"**	**-107°18'00"**	***NMED***	***NM***
04-Oct-04	W	*C.dubia 4-day*	○	10	10						4	8.1	241	266	1202	0.4	0.5	
	W	*P.promelas 4-day*	○	0	7.5						4	8.1	241	266	1202	0.4	0.5	
	Rio Guadalupe above Jemez River													**RGU01**	**35°41'47"**	**106°44'28"**	***NMED***	***NM***
15-Jul-98	W	*C.dubia 7-day*	○	0	0	○	19.1	17.6			7	8.4	180	148	736	< 0.1	0.2	
	W	*P.promelas 7-day*	○	0	0						7	8.4	180	148	736	< 0.1	0.2	
	S	*C.dubia 7-day*	○	0	0	○	19.5	17.7			7	7.4	276	300	647	< 0.1	2.6	
	S	*P.promelas 7-day*	○	0	3						7	7.4	276	300	647	< 0.1	2.6	
	Rio Paguate													**rpg-03**			***Laguna***	***NM***
12-Jun-06	s	*C.dubia 4-day*	◉	30	5						4	7.4	145	151	1186	1.3	0.6	
	s	*P.promelas 4-day*	○	2.5	0						4	7.4	145	151	1186	1.3	0.6	
	I	*C.dubia 4-day*	○	15	10						4	8.5	301	680	1472	< 0.1	0.8	
	I	*P.promelas 4-day*	◉	22.5	0						4	8.5	301	680	1472	< 0.1	0.8	
31-Jul-06	s	*C.dubia 4-day*	○	10	10						4	8.3	109	187	650	< 0.1	< 0.1	
	s	*P.promelas 4-day*	○	0	2.5						4	8.3	109	187	650	< 0.1	< 0.1	
11-Sep-06	I	*C.dubia 4-day*	◉	50	10						4	8.1	262	568	1256	0	0.2	
	I	*P.promelas 4-day*	○	5	2.5						4	8.1	262	568	1256	0	0.2	
23-Oct-06	I	*C.dubia 4-day*	◉	55	10						4	8.4	259	584	1236	< 0.1	0.6	
	I	*P.promelas 4-day*	○	2.5	0						4	8.4	259	584	1236	< 0.1	0.6	

Sample Types
W=Water ◉ Significant Difference
S=Sediment ○ No Significant Difference

Primary Endpoints
Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints
Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																												
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)											
Continued . . .	**Rio Paguate**																												
09-Apr-07	s	*C.dubia 4-day*	●	65	0						4	7.4	174	293	754	< 0.1	0.6												
	s	*P.promelas 4-day*	○	0	0						4	7.4	174	293	754	< 0.1	0.6												
	l	*C.dubia 4-day*	○	10	10						4	8.1	266	729	1975	< 0.1	0.3												
	l	*P.promelas 4-day*	○	15	0						4	8.1	266	729	1975	< 0.1	0.3												
11-Jun-07	s	*C.dubia 4-day*	○	5	10						4	8.5	174	416	889	< 0.1	0.4												
	s	*P.promelas 4-day*	○	2.5	0						4	8.5	174	416	889	< 0.1	0.4												
	l	*C.dubia 4-day*	○	55	5						4	8.1	222	940	1801	< 0.1	1.1												
	l	*P.promelas 4-day*	○	2.5	0						4	8.1	222	940	1801	< 0.1	1.1												
06-Aug-07	l	*C.dubia 4-day*	○	0	5						4	8.1	175	742	2150	< 0.1	1.6												
	l	*P.promelas 4-day*	○	5	0						4	8.1	175	742	2150	< 0.1	1.6												
10-Mar-08	s	*C.dubia 4-day*	○	5	5						4	7.5	139	324	794	0.2	0.2												
	s	*P.promelas 4-day*	●	22.5	10						4	7.5	139	324	794	0.2	0.2												
	l	*C.dubia 4-day*	●	75	0						4	8.1	342	1086	2490	< 0.1	0.8												
	l	*P.promelas 4-day*	○	2.5	0						4	8.1	342	1086	2490	< 0.1	0.8												
05-May-08	l	*C.dubia 4-day*	○	25	10						4	8.0	379	1682	3320	< 0.1	1.7												
	l	*P.promelas 4-day*	●	25	0						4	8.0	379	1682	3320	< 0.1	1.7												
07-Jul-08	s	*C.dubia 4-day*	○	0	5						4	7.6	284	462	1401	0.3	0.6												
	s	*P.promelas 4-day*	○	2.5	2.5						4	7.6	284	462	1401	0.3	0.6												
	l	*C.dubia 4-day*	○	0	10						4	8.7	167	1796	4150	< 0.1	2.6												
	l	*P.promelas 4-day*	○	2.5	0						4	8.7	167	1796	4150	< 0.1	2.6												
	Rio Paguate Below the Jackpile Uranium Mine														**RPG-04**														***Laguna*** ***NM***
09-Apr-07	s	*C.dubia 4-day*	○	0	5						4	7.2	199	294	735	< 0.1	0.2												
	s	*P.promelas 4-day*	○	0	0						4	7.2	199	294	735	< 0.1	0.2												
	l	*C.dubia 4-day*	○	15	10						4	8.4	218	615	1649	< 0.1	0.1												
	l	*P.promelas 4-day*	○	37.5	0						4	8.4	218	615	1649	< 0.1	0.1												
11-Jun-07	s	*C.dubia 4-day*	○	5	10						4	7.4	415	435	1005	< 0.1	3.6												
	s	*P.promelas 4-day*	○	2.5	0						4	7.4	415	435	1005	< 0.1	3.6												
	l	*C.dubia 4-day*	○	50	5						4	9.6	49	597	1731	< 0.1	0.7												
	l	*P.promelas 4-day*	○	2.5	0						4	9.6	49	597	1731	< 0.1	0.7												
06-Aug-07	l	*C.dubia 4-day*	○	0	5						4	8.8	82	593	2280	< 0.1	0.8												
	l	*P.promelas 4-day*	○	5	0						4	8.8	82	593	2280	< 0.1	0.8												
10-Mar-08	s	*C.dubia 4-day*	○	10	5						4	7.8	238	325	907	< 0.1	3.6												
	s	*P.promelas 4-day*	●	75	10						4	7.8	238	325	907	< 0.1	3.6												
	l	*C.dubia 4-day*	●	45	0						4	8.1	342	1086	2490	< 0.1	0.8												
	l	*P.promelas 4-day*	○	5	0						4	8.1	342	1086	2490	< 0.1	0.8												
05-May-08	s	*C.dubia 4-day*	○	5	10						4	7.7	150	1476	3590	0.2	1.4												
	s	*P.promelas 4-day*	○	0	0						4	7.7	150	1476	3590	0.2	1.4												
07-Jul-08	s	*C.dubia 4-day*	○	0	5						4	7.2	574	672	2130	0.1	14.4												

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)		Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)						
Continued . . .	**Rio Paguate Below the Jackpile Uranium Mine**																								
07-Jul-08	s	*P.promelas 4-day*	●	25	2.5						4	7.2	574	672	2130		0.1	14.4							
	l	*C.dubia 4-day*	○	30	10						4	8.7	272	2456	6560	<	0.1	3.1							
	l	*P.promelas 4-day*	○	2.5	0						4	8.7	272	2456	6560	<	0.1	3.1							
	Red River at Zwergle Dam																				**RR06**			***NMED***	***NM***
26-Oct-99	W	*C.dubia 7-day*	○	0	0	○	17.9	16.3			7	8.1	88	97	154	<	0.2	0.2							
	W	*P.promelas 7-day*	○	3	0						7	8.1	88	97	154	<	0.2	0.2							
	S	*C.dubia 7-day*	○	30	0	●	10.6	16.3			7	8.3	216	223	522		0.2	1.8							
	S	*P.promelas 7-day*	○	0	0						7	8.3	216	223	522		0.2	1.8							
25-Oct-00	W	*C.dubia 7-day*	○	0	0	●	11.8	18.2			7	8.6	87	96	155		0.1	0.2							
	W	*P.promelas 7-day*	○	0	0						7	8.6	87	96	155		0.1	0.2							
	S	*C.dubia 7-day*	●	40	0	●	8.5	18.1			7	7.7	226	224	295		0.6	1.5							
	S	*P.promelas 7-day*	○	0	3						7	7.7	226	224	295		0.6	1.5							
	Red River headwaters at Black Copper Canyon																				**RR1**	**36°38'49"**	**105°22'55"**	***NMED***	***NM***
15-Apr-97	W	*C.dubia 7-day*	○	0	0	○	16.9	17.9			7	8.0	10	91	142	<	0.1	0.4							
	W	*P.promelas 7-day*	○	0	0						7	8.0	10	91	142	<	0.1	0.4							
	S	*C.dubia 7-day*	●	40	0	○	18.0	16.3			7	7.6	54	260	584	<	0.1	1.1							
	S	*P.promelas 7-day*	○	0	3						7	7.6	54	260	584	<	0.1	1.1							
05-Aug-97	W	*C.dubia 7-day*	○	0	0	○	19.3	17.7			7	8.0	60	66	153	<	0.1	0.8							
	W	*P.promelas 7-day*	○	0	3						7	8.0	60	66	153	<	0.1	0.8							
	S	*C.dubia 7-day*	○	30	20	○	17.0	16.4			7	7.4	182	184	551	<	0.1	0.5							
	S	*P.promelas 7-day*	○	7	3						7	7.4	182	184	551	<	0.1	0.5							
	Red River near Molycorp Mine at Cabin Spring																				**RR2**	**36°41'00"**	**105°31'20"**	***NMED***	***NM***
15-Apr-97	W	*C.dubia 7-day*	○	0	0	○	18.2	17.9			7	8.0	8	203	276	<	0.1	0.5							
	W	*P.promelas 7-day*	○	7	0						7	8.0	8	203	276	<	0.1	0.5							
	S	*C.dubia 7-day*	○	10	0	●	10.9	16.3			7	7.4	44	424	586	<	0.1	0.5							
	S	*P.promelas 7-day*	○	7	3						7	7.4	44	424	586	<	0.1	0.5							
05-Aug-97	W	*C.dubia 7-day*	○	0	0	○	20.8	17.7			7	7.8	58	102	239	<	0.1	0.7							
	W	*P.promelas 7-day*	○	7	3						7	7.8	58	102	239	<	0.1	0.7							
	S	*C.dubia 7-day*	○	30	20	○	16.8	16.4			7	7.2	160	208	539	<	0.1	3.3							
	S	*P.promelas 7-day*	○	3	3						7	7.2	160	208	539	<	0.1	3.3							
	Red River below Capulin seep																				**RR29**			***NMED***	***NM***
26-Oct-99	W	*C.dubia 7-day*	○	0	0	○	15.7	16.3			7	7.6	61	155	252	<	0.1	0.2							
	W	*P.promelas 7-day*	○	7	0						7	7.6	61	155	252	<	0.1	0.2							
	S	*C.dubia 7-day*	○	10	0	○	14.8	16.3			7	8.3	158	194	428		0.2	0.5							
	S	*P.promelas 7-day*	○	3	0						7	8.3	158	194	428		0.2	0.5							
25-Oct-00	W	*C.dubia 7-day*	○	0	0	●	16.6	18.2			7	7.7	52	183	330		0.1	0.4							

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)							
Continued . . .	**Red River below Capulin seep**																								
25-Oct-00	W	*P.promelas 7-day*	○	3	0						7	7.7	83	296	507		0.1	0.2							
	W	*P.promelas 7-day*	○	0	0						7	7.7	52	183	330		0.1	0.4							
	S	*C.dubia 7-day*	◉	70	0	◉	4.6	18.1			7	8.0	125	175	354		0.1	0.2							
	S	*P.promelas 7-day*	○	7	3						7	8.0	125	175	354		0.1	0.2							
	Red River at USGS Gauge at Ranger Station																				**RR3**	**36°42'12"**	**105°34'06"**	***NMED***	***NM***
15-Apr-97	W	*C.dubia 7-day*	○	0	0	◉	15.8	17.9			7	7.8	10	212	341		< 0.1	0.6							
	W	*P.promelas 7-day*	○	0	0						7	7.8	10	212	341		< 0.1	0.6							
	S	*C.dubia 7-day*	○	10	0	○	14.9	16.3			7	7.2	26	216	464		< 0.1	0.4							
	S	*P.promelas 7-day*	○	7	3						7	7.2	26	216	464		< 0.1	0.4							
05-Aug-97	W	*C.dubia 7-day*	○	0	0	○	17.6	17.7			7	7.9	54	116	268		< 0.1	0.1							
	W	*P.promelas 7-day*	○	3	3						7	7.9	54	116	268		< 0.1	0.1							
	S	*C.dubia 7-day*	○	0	20	◉	9.6	16.4			7	7.6	120	128	434		< 0.1	0.5							
	S	*P.promelas 7-day*	○	3	3						7	7.6	120	128	434		< 0.1	0.5							
17-Sep-07	s	*C.dubia 7-day*	○	0	0	◉	15.4	8.7			7	8.3	117	164	571		0	0.6							
	s	*P.promelas 7-day*	○	0	0						7	8.3	117	164	571		0	0.6							
	I	*C.dubia 7-day*	○	0	0	○	16.4	17.5			7	7.9	72	148	342		< 0.1	0.2							
	I	*P.promelas 7-day*	○	3	0						7	7.9	72	148	342		< 0.1	0.2							
	Red River below Questa Lagoons between outfalls 002/001																				**RR35**			***NMED***	***NM***
26-Oct-99	W	*C.dubia 7-day*	○	0	0	○	16.0	16.3			7	8.0	65	160	280		< 0.1	0.4							
	W	*P.promelas 7-day*	○	3	0						7	8.0	65	160	280		< 0.1	0.4							
	S	*C.dubia 7-day*	○	0	0	○	17.1	16.3			7	7.4	180	233	492		0.2	1.1							
	S	*P.promelas 7-day*	○	7	0						7	7.4	180	233	492		0.2	1.1							
25-Oct-00	W	*C.dubia 7-day*	○	0	0	◉	11.1	18.2			7	7.7	83	296	507		0.1	0.2							
	S	*C.dubia 7-day*	○	20	0	○	15.1	18.1			7	8.2	170	264	521		0.1	0.7							
	S	*P.promelas 7-day*	○	3	3						7	8.2	170	264	521		0.1	0.7							
	Red River below Molycorp Mine and Fish Hatchery																				**RR4**	**36°40'58"**	**105°39'14"**	***NMED***	***NM***
15-Apr-97	W	*C.dubia 7-day*	○	0	0	○	18.3	17.9			7	7.9	12	186	368		< 0.1	0.1							
	W	*P.promelas 7-day*	○	3	0						7	7.9	12	186	368		< 0.1	0.1							
	S	*C.dubia 7-day*	◉	60	0	○	15.6	16.3			7	7.7	44	4	518		< 0.2	2.5							
	S	*P.promelas 7-day*	○	0	3						7	7.7	44	4	518		< 0.2	2.5							
05-Aug-97	W	*C.dubia 7-day*	○	0	0	○	16.9	17.7			7	7.9	66	134	323		< 0.1	0.4							
	W	*P.promelas 7-day*	○	0	3						7	7.9	66	134	323		< 0.1	0.4							
	S	*C.dubia 7-day*	○	40	20	◉	11.8	16.4			7	7.2	190	194	547		0.1	1.1							
	S	*P.promelas 7-day*	○	0	3						7	7.2	190	194	547		0.1	1.1							
	Rio San Jose at Horace Springs Gaging Station																				**RSJ01**			***Acoma***	***NM***
21-Jun-00	W	*C.dubia 7-day*	○	0	0	○	22.0	16.5			7	8.6	201	327	811		< 0.1	0.2							

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																												
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)											
Continued . . .	**Rio San Jose at Horace Springs Gaging Station**																												
21-Jun-00	W	*P.promelas 7-day*	○	0	3						7	8.6	201	327	811	< 0.1	0.2												
	S	*C.dubia 7-day*	○	0	0	○	20.8	19.3			7	8.5	252	274	856	< 0.1	0.5												
	S	*P.promelas 7-day*	○	3	0						7	8.5	252	274	856	< 0.1	0.5												
26-Apr-04	W	*C.dubia 4-day*	○	5	5						4	8.6	170	292	905	0.2	0.4												
	W	*P.promelas 4-day*	○	0	2.5						4	8.6	170	292	905	0.2	0.4												
	S	*C.dubia 4-day*	○	10	10						4	7.7	268	216	611	0.7	3.8												
	S	*P.promelas 4-day*	○	2.5	2.5						4	7.7	268	216	611	0.7	3.8												
30-Aug-04	W	*C.dubia 4-day*	○	10	0						4	8.2	195	309	903	0.3	0.2												
	W	*P.promelas 4-day*	○	0	0						4	8.2	195	309	903	0.3	0.2												
04-Oct-04	S	*C.dubia 4-day*	○	0	0						4	7.7	262	168	574	0.9	3.6												
	S	*P.promelas 4-day*	○	0	2.5						4	7.7	262	168	574	0.9	3.6												
19-Mar-07	s	*C.dubia 4-day*	○	5	10						4	7.5	166	209	558	< 0.1	5.2												
	s	*P.promelas 4-day*	○	0	0						4	7.5	166	209	558	< 0.1	5.2												
	I	*C.dubia 4-day*	○	0	5						4	7.9	190	292	873	< 0.1	0.5												
	I	*P.promelas 4-day*	○	0	0						4	7.9	190	292	873	< 0.1	0.5												
15-Oct-07	I	*C.dubia 4-day*	○	5	10						4	8.3	230	324	901	0	0.2												
	I	*P.promelas 4-day*	○	0	0						4	8.3	230	324	901	0	0.2												
	Rio San Jose at Acomita (below Lake)																		***Old Number***	***Station ID***	***Latitude***	***Longitude***	***County***						
															RSJ02	**35°02'32"**	**107°32'25"**		***Acoma***	***NM***									
21-Jun-00	W	*C.dubia 7-day*	○	0	0	●	12.1	16.5			7	8.5	412	700	3790	< 0.1	2.6												
	W	*P.promelas 7-day*	○	0	3						7	8.5	412	700	3790	< 0.1	2.6												
	S	*C.dubia 7-day*	○	0	0	○	19.3	19.3			7	8.3	292	262	608	0.1	1.3												
	S	*P.promelas 7-day*	○	0	0						7	8.3	292	262	608	0.1	1.3												
05-Apr-01	W	*C.dubia 7-day*	○	0	0	○	17.3	18.4			7	8.3	240	467	1886	0.1	0.3												
	W	*P.promelas 7-day*	○	7	0						7	8.3	240	467	1886	0.1	0.3												
10-Apr-01	S	*C.dubia 7-day*	○	0	0	○	15.6	16.6			7	7.9	225	188	673	0.4	0.6												
	S	*P.promelas 7-day*	○	3	0						7	7.9	225	188	673	0.4	0.6												
02-Jul-01	W	*C.dubia 7-day*	○	0	0	●	4.4	16.6			7	8.2	384	1368	5540	0.1	19.2												
	W	*P.promelas 7-day*	○	23	3						7	8.2	384	1368	5540	0.1	19.2												
18-Sep-01	S	*C.dubia 7-day*	●	100	0	○					4	7.8	172	200	640	< 0.1	< 0.5												
	S	*C.dubia 7-day*	○	0	0	○	17.1	17.0			7	8.3	308	500	2140	< 0.1	0.4												
	S	*P.promelas 7-day*	○	3	3						7	7.8	172	200	640	< 0.1	< 0.5												
	S	*P.promelas 7-day*	○	3	3						7	8.3	308	500	2140	< 0.1	0.4												
03-Dec-01	W	*C.dubia 7-day*	○	0	0	○	16.4	16.9			7	8.1	264	452	1163	< 0.1	< 0.1												
	W	*P.promelas 7-day*	○	0	3						7	8.1	264	452	1163	< 0.1	< 0.1												
26-Apr-04	W	*C.dubia 4-day*	○	0	5						4	8.6	237	531	2370	0.3	0.7												
	W	*P.promelas 4-day*	○	2.5	2.5						4	8.6	237	531	2370	0.3	0.7												
	S	*C.dubia 4-day*	○	0	10						4	8.1	204	237	724	0.4	0.8												
	S	*P.promelas 4-day*	○	0	2.5						4	8.1	204	237	724	0.4	0.8												

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																												
																		Old Number	Station ID	Latitude	Longitude			County					
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)											
Continued . . .	**Rio San Jose at Acomita (below Lake)**																												
30-Aug-04	W	*C.dubia 4-day*	○	0	0						4	8.3	281	510	1928		0.4		0.8										
	W	*P.promelas 4-day*	○	0	0						4	8.3	281	510	1928		0.4		0.8										
04-Oct-04	S	*C.dubia 4-day*	○	0	0						4	7.9	194	156	622		0.4		0.5										
	S	*P.promelas 4-day*	○	0	2.5						4	7.9	194	156	622		0.4		0.5										
24-Apr-06	w	*C.dubia 4-day*	◉	75	5						4	8.3	570	1540	6060	<	0.1		0.9										
	w	*P.promelas 4-day*	◉	17.5	0						4	8.3	570	1540	6060	<	0.1		0.9										
	s	*C.dubia 4-day*	○	0	10						4	7.7	166	325	1459	<	0.1		0.6										
	s	*P.promelas 4-day*	○	0	10						4	7.7	166	325	1459	<	0.1		0.6										
19-Mar-07	s	*C.dubia 4-day*	○	20	10						4	7.6	140	207	542	<	0.1		0.4										
	s	*P.promelas 4-day*	○	0	0						4	7.6	140	207	542	<	0.1		0.4										
	l	*C.dubia 4-day*	○	0	5						4	8.2	63	397	281	<	0.1	<	0.1										
	l	*P.promelas 4-day*	○	0	0						4	8.2	63	397	281	<	0.1	<	0.1										
15-Oct-07	s	*C.dubia 4-day*	○	10	0						4	7.4	192	186	788	<	0.1		0.4										
	s	*P.promelas 4-day*	○	0	2.5						4	7.4	192	186	788	<	0.1		0.4										
15-Oct-08	l	*C.dubia 4-day*	○	5	10						4	8.5	432	648	2300	<	0.1		0.6										
	l	*P.promelas 4-day*	○	0	0						4	8.5	432	648	2300	<	0.1		0.6										
	Rio San Jose														**RSJ02LAG**					**3502°16'74'**	**.0722°45'69**			***Laguna***		***NM***				
16-Oct-06	l	*C.dubia 4-day*	○	5	10						4	8.0	226	401	1235	<	0.1		0.5										
	l	*P.promelas 4-day*	○	0	0						4	8.0	226	401	1235	<	0.1		0.5										
23-Oct-06	l	*C.dubia 4-day*	○	20	10						4	8.5	233	443	1233	<	0.1		0.4										
	l	*P.promelas 4-day*	○	0	0						4	8.5	233	443	1233	<	0.1		0.4										
	Rio San Jose Station 4														**RSJ04**									***Laguna***		***NM***			
24-Mar-08	s	*C.dubia 4-day*	○	0	10						4	7.8	234	296	620	<	0.1		0.5										
	l	*C.dubia 4-day*	○	0	0						4	8.0	233	700	2650		0.1		0.2										
	l	*P.promelas 4-day*	○	10	0						4	8.0	233	700	2650		0.1		0.2										
05-May-08	l	*C.dubia 4-day*	○	10	10						4	8.1	210	1235	4090	<	0.1		0.2										
	l	*P.promelas 4-day*	○	0	0						4	8.1	210	1235	4090	<	0.1		0.2										
21-Jul-08	s	*C.dubia 4-day*	○	0	0						4	7.7	271	260	899	<	0.1		1.1										
	l	*C.dubia 4-day*	○	5	0						4	8.1	165	956	2230	<	0.1		1.1										
	l	*P.promelas 4-day*	○	0	0						4	8.1	165	956	2230	<	0.1		1.1										
	Rio Grande below AMAFCA channel														**Sandia1**									***Sandia***		***NM***			
19-Jun-00	W	*C.dubia 7-day*	○	10	0	◉	13.0	17.1			7	8.3	105	141	309	<	0.1		0.1										
	W	*P.promelas 7-day*	○	3	0						7	8.3	105	141	309	<	0.1		0.1										
	S	*C.dubia 7-day*	○	0	0	○	17.5	16.1			7	8.0	181	176	388		0.1		0.4										
	S	*P.promelas 7-day*	○	0	3						7	8.0	181	176	388		0.1		0.4										
28-Aug-00	W	*C.dubia 7-day*	○	0	0	○	17.0	17.7			7	8.5	102	136	234	<	0.1	<	0.1										
	W	*P.promelas 7-day*	○	10	0						7	8.5	102	136	234	<	0.1	<	0.1										

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)		Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)					
Continued . . .	**Rio Grande below AMAFCA channel**																							
28-Aug-00	S	*C.dubia 7-day*	○	0	0	○	16.8	16.6			7	8.3	167	166	367		0.1	0.3						
	S	*P.promelas 7-day*	○	0	0						7	8.3	167	166	367		0.1	0.3						
12-Mar-01	W	*C.dubia 7-day*	◉	100	0	○		17.0			1	8.4	131	126	408	<	0.1	0.2						
	W	*P.promelas 7-day*	○	10	0						7	8.4	131	126	408	<	0.1	0.2						
24-Sep-01	W	*C.dubia 7-day*	○	0	0	○	16.0	17.0			7	8.6	108	64	303	<	0.1	0.3						
	W	*P.promelas 7-day*	○	0	3						7	8.6	108	64	303	<	0.1	0.3						
	S	*C.dubia 7-day*	○	0	0	◉	14.6	17.6			7	7.9	166	220	450		0.1	0.3						
	S	*P.promelas 7-day*	○	3	3						7	7.9	166	220	450		0.1	0.3						
22-Apr-02	W	*C.dubia 7-day*	◉	75	0	○					4	8.4	115	124	333		0.2	0.2						
	W	*P.promelas 7-day*	◉	52.5	2.5						4	8.4	115	124	333		0.2	0.2						
	S	*C.dubia 7-day*	○	0	0	○					4	7.7	192	159	488		0.2	0.7						
	S	*P.promelas 7-day*	◉	20	2.5						4	7.7	192	159	488		0.2	0.7						
09-Dec-02	W	*C.dubia 4-day*	○	5	0						4	8.3	137	194	484		0.3	0.2						
	W	*P.promelas 4-day*	○	0	2.5						4	8.3	137	194	484		0.3	0.2						
	S	*C.dubia 4-day*	○	0	0						4	8.0	216	205	544		0.3	0.5						
	S	*P.promelas 4-day*	○	0	2.5						4	8.0	216	205	544		0.3	0.5						
15-Sep-03	W	*C.dubia 4-day*	○	0	5						4	8.0	106	104	336		0.4	0.3						
	W	*P.promelas 4-day*	○	0	0						4	8.0	106	104	336		0.4	0.3						
	S	*C.dubia 4-day*	○	0	10						4	7.4	138	198	569		0.6	0.9						
	S	*P.promelas 4-day*	○	0	0						4	7.4	138	198	569		0.6	0.9						
01-Dec-03	W	*C.dubia 4-day*	○	5	10						4	8.4	119	150	411		0.6	0.2						
	W	*P.promelas 4-day*	○	7.5	0						4	8.4	119	150	411		0.6	0.2						
	S	*C.dubia 4-day*	○	5	5						4	7.5	208	216	550		0.6	0.5						
	S	*P.promelas 4-day*	○	0	0						4	7.5	208	216	550		0.6	0.5						
02-Aug-04	W	*C.dubia 4-day*	○	10	5						4	8.5	109	112	281		0.6	0.2						
	W	*P.promelas 4-day*	○	0	0						4	8.5	109	112	281		0.6	0.2						
	S	*C.dubia 4-day*	○	5	10						4	7.9	203	227	586		0.5	0.5						
	S	*P.promelas 4-day*	○	0	0						4	7.9	203	227	586		0.5	0.5						
06-Dec-04	W	*C.dubia 4-day*	○	5	0						4	8.1	138	132	421		0.3	0.5						
	W	*P.promelas 4-day*	○	0	0						4	8.1	138	132	421		0.3	0.5						
	S	*C.dubia 4-day*	○	5	5						4	7.1	130	200	627		0.3	0.4						
	S	*P.promelas 4-day*	○	0	0						4	7.1	130	200	627		0.3	0.4						
04-Jun-07	s	*C.dubia 4-day*	○	10	5						4	7.4	124	213	662	<	0.1	0.8						
	s	*P.promelas 4-day*	○	0	0						4	7.4	124	213	662	<	0.1	0.8						
	l	*C.dubia 4-day*	◉	100	10						4	7.9	98	126	307	<	0.1	0.1						
	l	*P.promelas 4-day*	○	0	5						4	7.9	98	126	307	<	0.1	0.1						
10-Dec-07	s	*C.dubia 4-day*	○	10	10						4	7.4	182	199	469	<	0.1	0.5						
	s	*P.promelas 4-day*	○	10	2.5						4	7.4	182	199	469	<	0.1	0.5						

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description													Old Number	Station ID	Latitude	Longitude	County
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Continued . . .	**Rio Grande below AMAFCA channel**																	
10-Dec-07	I	*C.dubia 4-day*	●	100	0						4	8.0	126	132	353	< 0.1	0.1	
	I	*P.promelas 4-day*	○	0	0						4	8.0	126	132	353	< 0.1	0.1	
	Rio Grande below Rio Rancho WWTP #2 outfall														**Sandia2**			***Sandia*** ***NM***
19-Jun-00	W	*C.dubia 7-day*	○	0	0	●	12.9	17.1			7	8.3	107	143	310	< 0.1	0.2	
	W	*P.promelas 7-day*	○	7	0						7	8.3	107	143	310	< 0.1	0.2	
	S	*C.dubia 7-day*	○	0	0	○	15.9	16.1			7	8.0	191	176	376	0.1	0.3	
	S	*P.promelas 7-day*	○	0	3						7	8.0	191	176	376	0.1	0.3	
28-Aug-00	W	*C.dubia 7-day*	○	0	0	○	16.2	17.7			7	8.5	102	136	234	< 0.1	< 0.1	
	W	*P.promelas 7-day*	○	0	0						7	8.5	102	136	234	< 0.1	< 0.1	
	S	*C.dubia 7-day*	○	0	0	○	17.5	16.6			7	8.1	209	226	505	< 0.1	0.8	
	S	*P.promelas 7-day*	○	7	0						7	8.1	209	226	505	< 0.1	0.8	
12-Mar-01	W	*C.dubia 7-day*	○	0	0	○	17.6	17.0			7	8.3	135	120	402	< 0.1	0.5	
	W	*P.promelas 7-day*	○	0	0						7	8.3	135	120	402	< 0.1	0.5	
24-Sep-01	W	*C.dubia 7-day*	○	0	0	●	15.1	17.0			7	8.1	113	156	318	< 0.1	0.4	
	W	*P.promelas 7-day*	○	0	3						7	8.1	113	156	318	< 0.1	0.4	
	S	*C.dubia 7-day*	○	0	0	○	16.9	17.6			7	8.1	182	212	453	0.1	1.6	
	S	*P.promelas 7-day*	○	0	3						7	8.1	182	212	453	0.1	1.6	
09-Dec-02	W	*C.dubia 4-day*	○	5	0						4	8.5	142	151	510	0.5	0.4	
	W	*P.promelas 4-day*	○	7.5	2.5						4	8.5	142	151	510	0.5	0.4	
	S	*C.dubia 4-day*	○	5	0						4	8.0	205	236	606	0.2	0.4	
	S	*P.promelas 4-day*	○	2.5	2.5						4	8.0	205	236	606	0.2	0.4	
15-Sep-03	W	*C.dubia 4-day*	○	5	5						4	8.0	133	146	608	0.5	0.5	
	W	*P.promelas 4-day*	○	0	0						4	8.0	133	146	608	0.5	0.5	
	S	*C.dubia 4-day*	○	0	10						4	7.6	158	179	513	0.5	0.8	
	S	*P.promelas 4-day*	○	0	0						4	7.6	158	179	513	0.5	0.8	
01-Dec-03	W	*C.dubia 4-day*	○	5	10						4	8.1	167	109	615	0.3	0.2	
	W	*P.promelas 4-day*	○	2.5	0						4	8.1	167	109	615	0.3	0.2	
	S	*C.dubia 4-day*	○	5	5						4	7.6	211	195	566	0.7	2.2	
	S	*P.promelas 4-day*	○	0	0						4	7.6	211	195	566	0.7	2.2	
02-Aug-04	W	*C.dubia 4-day*	○	5	5						4	8.7	117	113	318	0.4	0.4	
	W	*P.promelas 4-day*	○	0	0						4	8.7	117	113	318	0.4	0.4	
	S	*C.dubia 4-day*	○	5	10						4	8.1	211	227	546	0.3	0.6	
	S	*P.promelas 4-day*	○	2.5	0						4	8.1	211	227	546	0.3	0.6	
04-Jun-07	s	*C.dubia 4-day*	○	20	5						4	7.7	109	204	570	< 0.1	1.3	
	s	*P.promelas 4-day*	○	0	0						4	7.7	109	204	570	< 0.1	1.3	
	I	*C.dubia 4-day*	●	100	10						4	8.1	113	116	396	< 0.1	0.1	
	I	*P.promelas 4-day*	○	0	5						4	8.1	113	116	396	< 0.1	0.1	
10-Dec-07	s	*C.dubia 4-day*	○	5	10						4	7.3	194	210	519	< 0.1	0.2	

Sample Types
W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints
Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints
Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)							
Continued . . .	**Rio Grande below Rio Rancho WWTP #2 outfall**																								
10-Dec-07	s	*P.promelas 4-day*	○	7.5	2.5						4	7.3	194	210	519	< 0.1	0.2								
	l	*C.dubia 4-day*	●	100	0						4	7.7	119	100	573	0	0.5								
	l	*P.promelas 4-day*	●	100	0						4	7.7	119	100	573	0	0.5								
	Rio Grande below Rio Rancho WWTP #3 outfall																				**Sandia3**			***Sandia***	***NM***
19-Jun-00	W	*C.dubia 7-day*	○	0	0	●	11.2	17.1			7	8.4	106	139	297	< 0.1	0.3								
	W	*P.promelas 7-day*	○	0	0						7	8.4	106	139	297	< 0.1	0.3								
	S	*C.dubia 7-day*	○	0	0	○	15.5	16.1			7	7.8	218	196	457	< 0.1	0.2								
	S	*P.promelas 7-day*	○	3	3						7	7.8	218	196	457	< 0.1	0.2								
28-Aug-00	W	*C.dubia 7-day*	○	0	0	○	17.4	17.7			7	8.4	105	136	247	0.2	0.2								
	W	*P.promelas 7-day*	○	3	0						7	8.4	105	136	247	0.2	0.2								
	S	*C.dubia 7-day*	○	0	0	○	17.2	16.6			7	8.6	198	193	450	0.1	0.4								
	S	*P.promelas 7-day*	○	7	0						7	8.6	198	193	450	0.1	0.4								
12-Mar-01	W	*C.dubia 7-day*	○	0	0	○	16.8	17.0			7	8.5	137	142	382	< 0.1	0.3								
	W	*P.promelas 7-day*	○	3	0						7	8.5	137	142	382	< 0.1	0.3								
24-Sep-01	W	*C.dubia 7-day*	○	0	0	○	18.5	17.0			7	8.3	116	150	325	< 0.1	0.3								
	W	*P.promelas 7-day*	○	0	3						7	8.3	116	150	325	< 0.1	0.3								
	S	*C.dubia 7-day*	○	0	0	○	15.6	17.6			7	7.8	171	208	550	< 0.1	3.6								
	S	*P.promelas 7-day*	○	0	3						7	7.8	171	208	550	< 0.1	3.6								
	Rio Grande below Bernalillo WWTP outfall																				**Sandia4**			***Sandia***	***NM***
19-Jun-00	W	*C.dubia 7-day*	○	0	0	●	13.0	17.1			7	8.3	106	138	302	< 0.1	0.2								
	W	*P.promelas 7-day*	○	7	0						7	8.3	106	138	302	< 0.1	0.2								
	S	*C.dubia 7-day*	○	0	0	○	17.2	16.1			7	7.8	178	168	380	< 0.1	0.2								
	S	*P.promelas 7-day*	○	7	3						7	7.8	178	168	380	< 0.1	0.2								
28-Aug-00	W	*C.dubia 7-day*	○	0	0	○	16.3	17.7			7	8.4	102	131	235	< 0.1	0.2								
	W	*P.promelas 7-day*	○	7	0						7	8.4	102	131	235	< 0.1	0.2								
	S	*C.dubia 7-day*	○	0	0	○	16.9	16.6			7	8.3	176	181	419	< 0.1	0.1								
	S	*P.promelas 7-day*	○	3	0						7	8.3	176	181	419	< 0.1	0.1								
12-Mar-01	W	*C.dubia 7-day*	○	0	0	○	15.7	17.0			7	8.4	137	137	437	< 0.1	0.4								
	W	*P.promelas 7-day*	○	0	0						7	8.4	137	137	437	< 0.1	0.4								
24-Sep-01	W	*C.dubia 7-day*	○	0	0	●	14.1	17.0			7	8.3	104	158	318	< 0.1	0.2								
	W	*P.promelas 7-day*	○	3	3						7	8.3	104	158	318	< 0.1	0.2								
	S	*C.dubia 7-day*	●	100	0	○	0.0	17.6			4	7.9	186	204	442	0.1	0.4								
	S	*P.promelas 7-day*	○	0	3						7	7.9	186	204	442	0.1	0.4								
22-Apr-02	W	*C.dubia 7-day*	●	100	0	○					1	8.2	162	180	847	0.8	1.4								
	W	*P.promelas 7-day*	●	100	2.5						1	8.2	162	180	847	0.8	1.4								
	S	*C.dubia 7-day*	○	0	0	○					4	7.6	188	153	518	0.8	2.8								
	S	*P.promelas 7-day*	●	45	2.5						4	7.6	188	153	518	0.8	2.8								

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)						
Continued . . .	**Rio Grande below Bernalillo WWTP outfall**																							
05-Aug-02	W	*C.dubia 4-day*	○	0	5						4	8.3	155	198	797	< 0.1	1.7							
	W	*C.dubia 4-day*	●	100	5						1	8.4	163	198	755	1.7	1.4							
	W	*P.promelas 4-day*	○	7.5	5						4	8.3	155	198	797	< 0.1	1.7							
	W	*P.promelas 4-day*	○	0	5						4	8.4	163	198	755	1.7	1.4							
	S	*C.dubia 4-day*	○	0	5						4	8.4	220	206	604	0.5	2.5							
	S	*C.dubia 4-day*	○	0	5						4	7.8	216	232	608	< 0.1	2.6							
	S	*P.promelas 4-day*	○	2.5	5						4	8.4	220	206	604	0.5	2.5							
	S	*P.promelas 4-day*	○	2.5	5						4	7.8	216	232	608	< 0.1	2.6							
09-Dec-02	W	*C.dubia 4-day*	●	100	0						2	8.5	142	181	552	0.5	0.5							
	W	*P.promelas 4-day*	○	0	2.5						4	8.5	142	181	552	0.5	0.5							
	S	*C.dubia 4-day*	○	0	0						4	7.8	177	192	559	0.4	0.6							
	S	*P.promelas 4-day*	○	2.5	2.5						4	7.8	177	192	559	0.4	0.6							
28-Apr-03	W	*C.dubia 7-day*	○	0	0	○	15.3	17.3			7	8.2	128	189	587	0.4	0.7							
	W	*C.dubia 7-day*	○	0	0	○	16.7	17.3			7	8.2	136	190	617	< 0.1	0.7							
	W	*P.promelas 7-day*	○	0	0						7	8.2	128	189	587	0.4	0.7							
	W	*P.promelas 7-day*	○	0	0						7	8.2	136	190	617	< 0.1	0.7							
	S	*C.dubia 7-day*	○	0	0	○	15.8	17.3			7	7.8	140	169	472	0.4	0.4							
	S	*C.dubia 7-day*	○	10	0	○	16.1	17.3			7	8.2	140	142	949	< 0.1	0.2							
	S	*P.promelas 7-day*	○	0	0						7	7.8	140	169	472	0.4	0.4							
	S	*P.promelas 7-day*	○	0	0						7	8.2	140	142	949	< 0.1	0.2							
15-Sep-03	W	*C.dubia 4-day*	○	0	5						4	7.9	118	226	926	0.3	0.6							
	W	*P.promelas 4-day*	○	0	0						4	7.9	118	226	926	0.3	0.6							
	S	*C.dubia 4-day*	○	5	10						4	7.8	172	180	533	0.7	0.2							
	S	*P.promelas 4-day*	○	0	0						4	7.8	172	180	533	0.7	0.2							
01-Dec-03	W	*C.dubia 4-day*	○	10	10						4	8.3	125	178	663	0.5	0.2							
	W	*P.promelas 4-day*	○	0	0						4	8.3	125	178	663	0.5	0.2							
	S	*C.dubia 4-day*	○	5	5						4	7.5	198	218	572	0.6	0.5							
	S	*P.promelas 4-day*	○	0	0						4	7.5	198	218	572	0.6	0.5							
02-Aug-04	W	*C.dubia 4-day*	○	15	5						4	8.4	128	139	480	0.3	0.5							
	W	*P.promelas 4-day*	○	0	0						4	8.4	128	139	480	0.3	0.5							
	S	*C.dubia 4-day*	○	5	10						4	7.8	180	186	527	0.3	1.8							
	S	*P.promelas 4-day*	○	0	0						4	7.8	180	186	527	0.3	1.8							
06-Dec-04	W	*C.dubia 4-day*	●	100	0						4	8.2	132	148	489	0.4	0.4							
	W	*P.promelas 4-day*	○	0	0						4	8.2	132	148	489	0.4	0.4							
	S	*C.dubia 4-day*	○	0	5						4	7.0	136	188	593	0.3	0.9							
	S	*P.promelas 4-day*	○	0	0						4	7.0	136	188	593	0.3	0.9							
04-Jun-07	s	*C.dubia 4-day*	●	30	5						4	7.5	162	208	492	< 0.1	5.3							
	s	*P.promelas 4-day*	○	0	0						4	7.5	162	208	492	< 0.1	5.3							

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description															Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)			
Continued . . .	**Rio Grande below Bernalillo WWTP outfall**																				
04-Jun-07	I	*C.dubia 4-day*	○	10	10						4	8.1	114	136	424	0.1	3.2				
	I	*P.promelas 4-day*	○	0	5						4	8.1	114	136	424	0.1	3.2				
10-Dec-07	s	*C.dubia 4-day*	○	15	10						4	7.3	211	230	560	< 0.1	1.1				
	s	*P.promelas 4-day*	○	10	2.5						4	7.3	211	230	560	< 0.1	1.1				
	I	*C.dubia 4-day*	●	100	0						4	7.8	126	136	381	0.2	2.1				
	I	*P.promelas 4-day*	○	0	0						4	7.8	126	136	381	0.2	2.1				
	Rio Grande just below NM44														**Sandia5**					***Sandia***	***NM***
19-Jun-00	W	*C.dubia 7-day*	○	10	0	●	10.2	17.1			7	8.3	109	138	268	< 0.1	0.2				
	W	*P.promelas 7-day*	○	7	0						7	8.3	109	138	268	< 0.1	0.2				
	S	*C.dubia 7-day*	○	0	0	○	17.8	16.1			7	7.7	199	211	403	0.1	3.2				
	S	*P.promelas 7-day*	○	0	3						7	7.7	199	211	403	0.1	3.2				
28-Aug-00	W	*C.dubia 7-day*	○	0	0	○	16.2	17.7			7	8.3	104	130	239	< 0.1	0.4				
	W	*P.promelas 7-day*	○	0	0						7	8.3	104	130	239	< 0.1	0.4				
	S	*C.dubia 7-day*	○	0	0	○	16.3	16.6			7	8.3	244	270	513	< 0.1	0.1				
	S	*P.promelas 7-day*	○	0	0						7	8.3	244	270	513	< 0.1	0.1				
12-Mar-01	W	*C.dubia 7-day*	○	0	0	○	16.0	17.0			7	8.4	127	135	369	< 0.1	0.1				
	W	*P.promelas 7-day*	○	7	0						7	8.4	127	135	369	< 0.1	0.1				
	Espanola WWTP #5														**SC01**					***Santa Clara***	***NM***
27-Sep-99	W	*C.dubia 7-day*	○	0	0	●	12.0	15.0			7	7.9	116	104	268	< 0.1	0.2				
	W	*P.promelas 7-day*	○	7	0						7	7.9	116	104	268	< 0.1	0.2				
	S	*C.dubia 7-day*	●	60	0	●	1.6	16.5			7	8.2	220	223	503	0.7	0.3				
	S	*P.promelas 7-day*	○	10	3						7	8.2	220	223	503	0.7	0.3				
	Rio Grande south of Gutierrez Pond														**SC3**	**35°59'20"**	**106°04'26"**			***Santa Clara***	***NM***
25-Mar-97	W	*C.dubia 7-day*	○	0	0	○	17.2	15.5			7	6.9	78	113	277	< 0.2	0.4				
	W	*P.promelas 7-day*	○	0	3						7	6.9	78	113	277	< 0.2	0.4				
26-Jan-98	W	*C.dubia 7-day*	○	0	0	○	18.5	16.6			7	8.1	276	156	276	< 0.1	0.2				
	W	*P.promelas 7-day*	○	0	3						7	8.1	276	156	276	< 0.1	0.2				
17-Jun-98	W	*P.promelas 7-day*	○	0	3						7	7.8	102	128	292	< 0.1	0.2				
	S	*P.promelas 7-day*	○	0	3						7	7.9	168	196	475	< 0.1	0.6				
29-Sep-98	W	*C.dubia 7-day*	○	0	0	○	19.8	17.8			7	7.0	95	116	219	< 0.1	< 0.1				
	W	*P.promelas 7-day*	○	0	3						7	7.0	95	116	219	< 0.1	< 0.1				
	S	*C.dubia 7-day*	○	0	0	●	11.1	17.8			7	7.2	239	272	526	< 0.1	1.9				
	S	*P.promelas 7-day*	○	3	3						7	7.2	239	272	526	< 0.1	1.9				
07-Dec-98	W	*C.dubia 7-day*	○	0	0	○	19.1	18.3			7	7.2	169	174	338	< 0.1	0.6				
	W	*P.promelas 7-day*	○	0	0						7	7.2	169	174	338	< 0.1	0.6				
	Rio Grande south of Santa Clara Bridge														**SC5**	**35°59'15"**	**106°04'28"**			***Santa Clara***	***NM***

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)							
Continued . . .	**Rio Grande south of Santa Clara Bridge**																								
25-Mar-97	W	*C.dubia 7-day*	○	0	0	○	14.5	15.5			7	7.2	214	169	1165	< 0.2	1.1								
	W	*P.promelas 7-day*	○	3	3						7	7.2	214	169	1165	< 0.2	1.1								
26-Jan-98	W	*C.dubia 7-day*	○	0	0	○	19.2	16.6			7	7.9	218	164	924	< 0.1	0.7								
	W	*P.promelas 7-day*	○	7	3						7	7.9	218	164	924	< 0.1	0.7								
17-Jun-98	W	*C.dubia 7-day*	◉	100	0	○	0.0	16.0			7	7.7	246	168	885	0.2	2.4								
	W	*P.promelas 7-day*	○	3	3						7	7.7	246	168	885	0.2	2.4								
	S	*C.dubia 7-day*	○	10	0	◉	11.1	14.9			7	7.7	208	212	538	0.1	3.6								
	S	*P.promelas 7-day*	○	7	3						7	7.7	208	212	538	0.1	3.6								
29-Sep-98	W	*C.dubia 7-day*	○	0	0	○	17.7	17.8			7	6.9	97	127	220	0.1	0.2								
	W	*P.promelas 7-day*	○	10	3						7	6.9	97	127	220	0.1	0.2								
	S	*C.dubia 7-day*	○	0	0	○	19.8	17.8			7	7.4	200	219	525	0.1	1.9								
	S	*P.promelas 7-day*	○	3	3						7	7.4	200	219	525	0.1	1.9								
07-Dec-98	W	*C.dubia 7-day*	◉	50	0	◉	5.6	18.3			7	7.3	185	155	523	< 0.1	0.6								
	W	*P.promelas 7-day*	○	3	0						7	7.3	185	155	523	< 0.1	0.6								
11-Mar-99	W	*C.dubia 7-day*	○	0	0	○	18.4	18.1			7	7.4	175	142	462	< 0.1	1.0								
	W	*P.promelas 7-day*	○	0	0						7	7.4	175	142	462	< 0.1	1.0								
	S	*C.dubia 7-day*	○	0	0	○	18.4	17.6			7	7.3	227	500	580	< 0.1	8.2								
	S	*P.promelas 7-day*	○	0	3						7	7.3	227	500	580	< 0.1	8.2								
29-Jun-99	W	*C.dubia 7-day*	○	0	0	○	21.4	18.4			7	7.3	124	109	327	< 0.1	2.6								
	W	*P.promelas 7-day*	○	0	3						7	7.3	124	109	327	< 0.1	2.6								
	San Juan River at Hogback														**SJR01**								***NMED***	***NM***	
22-May-02	W	*C.dubia 4-day*	○	0	0						4	8.7	101	90	423	0.2	0.5								
	W	*P.promelas 4-day*	○	0	0						4	8.7	101	90	423	0.2	0.5								
	S	*C.dubia 4-day*	○	0	0						4	8.8	230	177	492	0.3	4.2								
	S	*P.promelas 4-day*	○	7.5	0						4	8.8	230	177	492	0.3	4.2								
	Shumway Arroyo														**SJR02**								***NMED***	***NM***	
22-May-02	W	*C.dubia 4-day*	○	0	0						4	8.8	236	544	2120	0.6	0.6								
	W	*P.promelas 4-day*	○	5	0						4	8.8	236	544	2120	0.6	0.6								
	S	*C.dubia 4-day*	○	0	0						4	9.0	226	204	617	0.1	1.4								
	S	*P.promelas 4-day*	○	0	0						4	9.0	226	204	617	0.1	1.4								
	San Juan River above La Plata River														**SJR03**								***NMED***	***NM***	
22-May-02	W	*C.dubia 4-day*	○	5	0						4	8.7	102	155	389	0.3	0.3								
	W	*P.promelas 4-day*	○	5	0						4	8.7	102	155	389	0.3	0.3								
	S	*C.dubia 4-day*	○	5	0						4	8.9	182	192	485	0.6	2.5								
	S	*P.promelas 4-day*	○	0	0						4	8.9	182	192	485	0.6	2.5								
	San Juan River at Blagg Residence between Farmington and Bloomfield														**SJR04**								***NMED***	***NM***	

Sample Types

W=Water
S=Sediment

◉ Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																												
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)											
Continued . . .	**San Juan River at Blagg Residence between Farmington and Bloomfield**																												
22-May-02	W	*C.dubia 4-day*	●	100	0						4	8.4	82	138	328		0.2	0.3											
	W	*P.promelas 4-day*	○	2.5	0						4	8.4	82	138	328		0.2	0.3											
	S	*C.dubia 4-day*	○	5	0						4	8.9	188	176	491		0.7	1.1											
	S	*P.promelas 4-day*	○	5	0						4	8.9	188	176	491		0.7	1.1											
23-Sep-02	W	*C.dubia 4-day*	○	0	0						4	8.1	98	183	489		0.3	0.2											
	W	*P.promelas 4-day*	○	17.5	0						4	8.1	98	183	489		0.3	0.2											
	S	*C.dubia 4-day*	○	0	0						4	7.6	187	218	557		0.3	0.4											
	S	*P.promelas 4-day*	○	2.5	0						4	7.6	187	218	557		0.3	0.4											
10-Sep-07	I	*C.dubia 4-day*	●	50	0						4	7.6	82	108	294	<	0.1	0.3											
	I	*P.promelas 4-day*	○	17.5	2.5						4	7.6	82	108	294	<	0.1	0.3											
	San Juan River at Blanco														**SJR05**												***NMED***		***NM***
18-Apr-02	W	*C.dubia 4-day*	●	100	0						1	9.6	112	102	228	<	0.1	0.2											
	W	*P.promelas 4-day*	○	5	2.5						4	9.6	112	102	228	<	0.1	0.2											
	S	*C.dubia 4-day*	○	0	0						4	8.4	178	140	446	<	0.1	0.5											
	S	*P.promelas 4-day*	●	65	2.5						4	8.4	178	140	446	<	0.1	0.5											
23-Sep-02	W	*C.dubia 4-day*	○	10	0						4	8.3	75	93	258		0.2	0.2											
	W	*P.promelas 4-day*	●	25	0						4	8.3	75	93	258		0.2	0.2											
	S	*C.dubia 4-day*	○	5	0						4	7.4	198	191	591		1	1.1											
	S	*P.promelas 4-day*	○	0	0						4	7.4	198	191	591		1	1.1											
	San Juan River above Archuleta Gage														**SJR06**												***NMED***		***NM***
29-Oct-02	W	*C.dubia 4-day*	○	0	10						4	8.1	85	95	228		0.2	0.4											
	W	*P.promelas 4-day*	○	12.5	0						4	8.1	85	95	228		0.2	0.4											
	S	*C.dubia 4-day*	○	0	5						4	7.4	194	172	486		0.6	0.5											
	S	*P.promelas 4-day*	○	0	0						4	7.4	194	172	486		0.6	0.5											
	Rio Jemez at the Zia/Sandia Boundary														**StAna1**		**35°29'00"**	**106°40'00"**									***Santa Ana***		***NM***
06-Dec-99	W	*C.dubia 7-day*	○	0	0	○	18.8	18.0			7	8.5	259	182	948	<	0.1	0.2											
	W	*P.promelas 7-day*	○	0	0						7	8.5	259	182	948	<	0.1	0.2											
	S	*C.dubia 7-day*	○	0	0	○	19.5	18.1			7	8.2	304	80	685	<	0.1	0.2											
	S	*P.promelas 7-day*	○	3	0						7	8.2	304	80	685	<	0.1	0.2											
29-Mar-00	W	*C.dubia 7-day*	○	0	0	○	15.6	16.6			7	8.2	122	111	493	<	0.1	0.5											
	W	*P.promelas 7-day*	○	0	3						7	8.2	122	111	493	<	0.1	0.5											
19-Oct-00	W	*C.dubia 7-day*	○	0	0	○	16.3	18.2			7	8.5	299	187	1139		0.4	0.1											
	W	*P.promelas 7-day*	○	0	0						7	8.5	299	187	1139		0.4	0.1											
	S	*C.dubia 7-day*	○	10	0	●	13.1	18.1			7	8.6	294	214	759		0.4	1.9											
	S	*P.promelas 7-day*	○	0	3						7	8.6	294	214	759		0.4	1.9											
	Jemez Canyon Reservoir Inlet														**StAna2**		**35°25'00"**	**106°35'00"**									***Santa Ana***		***NM***

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																														
																		Old Number	Station ID	Latitude	Longitude	County									
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)													
Continued . . .	**Jemez Canyon Reservoir Inlet**																														
06-Dec-99	W	*C.dubia 7-day*	○	0	0	○	20.4	18.0			7	8.5	197	182	908	<	0.1	0.1													
	W	*P.promelas 7-day*	○	3	0						7	8.5	197	182	908	<	0.1	0.1													
	S	*C.dubia 7-day*	○	0	0	○	18.9	18.1			7	8.1	204	153	519	<	0.1	< 0.1													
	S	*P.promelas 7-day*	○	0	0						7	8.1	204	153	519	<	0.1	< 0.1													
29-Mar-00	W	*C.dubia 7-day*	○	0	0	○	17.0	16.6			7	8.2	143	120	842	<	0.1	0.1													
	W	*P.promelas 7-day*	○	3	3						7	8.2	143	120	842	<	0.1	0.1													
19-Oct-00	W	*C.dubia 7-day*	○	0	0	○	18.3	18.2			7	8.4	253	274	1045	<	0.1	0.2													
	W	*P.promelas 7-day*	○	0	0						7	8.4	253	274	1045	<	0.1	0.2													
	S	*C.dubia 7-day*	○	20	0	●	13.6	18.1			7	8.2	217	192	625	<	0.1	0.7													
	S	*P.promelas 7-day*	○	0	3						7	8.2	217	192	625	<	0.1	0.7													
	Rio Jemez @ USGS Station below Jemez Canyon Dam																		**StAna3**	**35°23'24"**	**106°32'03"**	***Santa Ana***			***NM***						
06-Dec-99	W	*C.dubia 7-day*	○	0	0	○	17.7	18.0			7	8.6	182	179	815	<	0.1	0.5													
	W	*P.promelas 7-day*	○	7	0						7	8.6	182	179	815	<	0.1	0.5													
	S	*C.dubia 7-day*	○	0	0	○	18.8	18.1			7	8.1	304	214	518		0.2	1.7													
	S	*P.promelas 7-day*	○	0	0						7	8.1	304	214	518		0.2	1.7													
29-Mar-00	W	*C.dubia 7-day*	○	0	0	○	15.7	16.6			7	8.4	197	201	962	<	0.1	0.4													
	W	*P.promelas 7-day*	○	3	3						7	8.4	197	201	962	<	0.1	0.4													
19-Oct-00	W	*C.dubia 7-day*	○	0	0	○	17.7	18.2			7	8.4	170	86	863	<	0.1	0.2													
	W	*P.promelas 7-day*	○	3	0						7	8.4	170	86	863	<	0.1	0.2													
	S	*C.dubia 7-day*	●	60	0	●	8.2	18.1			7	8.6	294	214	759		0.4	1.9													
	S	*P.promelas 7-day*	○	3	3						7	8.6	294	214	759		0.4	1.9													
	Stone Lake																		**Stone**	**36°43'00"**	**106°52'00"**	***Jicarilla Apache***			***NM***						
24-Apr-97	W	*C.dubia 7-day*	○	30	0	○	15.6	16.3			7	9.0	190	615	1258	<	0.2	0.8													
	W	*P.promelas 7-day*	○	0	3						7	9.0	190	615	1258	<	0.2	0.8													
	S	*C.dubia 7-day*	○	0	0	○	22.0	15.5			7	8.9	492	441	947	<	0.1	18.0													
	S	*P.promelas 7-day*	●	100	3						7	8.9	492	441	947	<	0.1	18.0													
	San Vicente Arroyo at Ancheta Mill																		**SVA01**	**32°45'43"**	**108°16'11"**				***NMED***						***NM***
13-Nov-02	S	*C.dubia 4-day*	○	5	5						4	8.2	229	245	603		0.4	0.6													
	S	*P.promelas 4-day*	○	5	10						4	8.2	229	245	603		0.4	0.6													
02-Dec-02	W	*C.dubia 4-day*	○	5	5						4	8.2	316	450	923		0.2	0.4													
	W	*P.promelas 4-day*	●	20	0						4	8.2	316	450	923		0.2	0.4													
	Gallinas River at County Road A-11-C																		**UPR2-07**						***NMED***						***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	16.0	16.7			7	7.6	230	440	730		0.2	0.2													
	W	*P.promelas 7-day*	○	0	7						7	7.6	230	440	730		0.2	0.2													
	S	*C.dubia 7-day*	○	0	0	●	16.4	18.5			7	8.4	244	212	550	<	0.1	0.8													
	S	*P.promelas 7-day*	○	0	7						7	8.4	244	212	550	<	0.1	0.8													

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description																			Old Number	Station ID	Latitude	Longitude	County	
Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)							
	Gallinas River above Las Vegas WWTP															**UPR2-08**								***NMED***	***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	16.6	16.7			7	8.0	216	620	1140		0.2	0.2							
	W	*P.promelas 7-day*	○	3	7						7	8.0	216	620	1140		0.2	0.2							
	S	*C.dubia 7-day*	○	0	0	●	16.2	18.5			7	8.3	194	228	697		0.2	0.7							
	S	*P.promelas 7-day*	○	7	7						7	8.3	194	228	697		0.2	0.7							
	Gallinas River below Las Vegas WWTP															**UPR2-10**								***NMED***	***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	17.9	16.7			7	7.9	202	388	906		0.1	0.9							
	W	*P.promelas 7-day*	○	3	7						7	7.9	202	388	906		0.1	0.9							
	S	*C.dubia 7-day*	○	0	0	○	19.6	18.5			7	8.3	258	208	640		< 0.1	7.0							
	S	*P.promelas 7-day*	●	100	7						2	8.3	258	208	640		< 0.1	7.0							
	Pecos Arroyo above Spring Arroyo															**UPR2-11**								***NMED***	***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	17.9	16.7			7	8.2	196	520	1305		< 0.1	0.3							
	W	*P.promelas 7-day*	○	7	7						7	8.2	196	520	1305		< 0.1	0.3							
	S	*C.dubia 7-day*	○	0	0	○	17.2	18.5			7	8.2	290	324	1830		< 0.1	0.3							
	S	*P.promelas 7-day*	○	3	7						7	8.2	290	324	1830		< 0.1	0.3							
	Pecos Arroyo above Gallinas River															**UPR2-12**								***NMED***	***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	17.2	16.7			7	7.9	208	488	1305		< 0.1	0.5							
	W	*P.promelas 7-day*	○	3	7						7	7.9	208	488	1305		< 0.1	0.5							
	S	*C.dubia 7-day*	○	0	0	●	16.4	18.5			7	8.4	276	306	1010		0.1	0.7							
	S	*P.promelas 7-day*	○	3	7						7	8.4	276	306	1010		0.1	0.7							
	Gallinas River at San Augustin													**GR01**		**UPR2-13**								***NMED***	***NM***
13-Nov-01	W	*C.dubia 7-day*	○	0	0	○	17.6	16.7			7	8.0	222	382	730		< 0.1	0.3							
	W	*P.promelas 7-day*	○	0	7						7	8.0	222	382	730		< 0.1	0.3							
	S	*C.dubia 7-day*	○	0	0	○	18.5	18.5			7	8.4	214	298	1790		0.1	1.8		<					
	S	*P.promelas 7-day*	○	7	7						7	8.4	214	298	1790		0.1	1.8		<					
18-Sep-07	s	*C.dubia 7-day*	○	10	0	●	12.6	15.4			7	8.4	156	256	814		0	1.8							
	s	*P.promelas 7-day*	○	0	0						7	8.4	156	256	814		0	1.8							
	Water Canyon at NE Reservation Boundary															**WCC-01**								***Laguna***	***NM***
23-Apr-07	s	*C.dubia 4-day*	○	0	0						4	6.9	105	200	580		0.2	1.0							
	s	*P.promelas 4-day*	○	0	0						4	6.9	105	200	580		0.2	1.0							
	l	*C.dubia 4-day*	○	5	5						4	8.1	40	37	104		< 0.1	0.3							
	l	*P.promelas 4-day*	○	2.5	2.5						4	8.1	40	37	104		< 0.1	0.3							
26-Jun-07	l	*C.dubia 4-day*	○	5	5						4	7.8	74	88	165		< 0.1	0.2							
	l	*P.promelas 4-day*	○	0	0						4	7.8	74	88	165		< 0.1	0.2							
20-Aug-07	s	*C.dubia 4-day*	○	0	0						4	6.9	184	176	495		0.1	2.2							
	s	*P.promelas 4-day*	●	55	0						4	6.9	184	176	495		0.1	2.2							

Sample Types

W=Water
S=Sediment

● Significant Difference
○ No Significant Difference

Primary Endpoints

Crustaceans - mortality. Algae - decrease or increase in cell numbers.
Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints

Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station / Date Collected	Sample Type	Waterbody Description / Test Type	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L) / Old Number	Hardness (mg/L)	Conductivity (umhos/cm) / Station ID	Total Chlorine (mg/L) / Latitude	Total Ammonia-N (mg/L) / Longitude	Unionized Ammonia-N (mg/l) / County
Continued . . .		**Water Canyon at NE Reservation Boundary**																
20-Aug-07	I	*C.dubia 4-day*	○	0	0						4	7.6	68	92	121	< 0.1	0.5	
	I	*P.promelas 4-day*	○	0	0						4	7.6	68	92	121	< 0.1	0.5	
		Water Canyon at lower pasture boundary													**WCC-03**			***Laguna*** ***NM***
23-Apr-04	s	*C.dubia 4-day*	○	5	0						4	7.1	114	172	455	< 0.1	1.0	
	s	*P.promelas 4-day*	○	0	0						4	7.1	114	172	455	< 0.1	1.0	
23-Apr-07	I	*C.dubia 4-day*	○	0	5						4	7.6	44	41	116	< 0.1	0.5	
	I	*P.promelas 4-day*	○	7.5	2.5						4	7.6	44	41	116	< 0.1	0.5	
25-Jun-07	I	*C.dubia 4-day*	○	0	5						4	8.2	196	278	534	< 0.1	0.2	
	I	*P.promelas 4-day*	○	2.5	0						4	8.2	196	278	534	< 0.1	0.2	
20-Aug-07	s	*C.dubia 4-day*	○	10	0						4	7.6	266	288	647	0	3.6	
	s	*P.promelas 4-day*	●	93	0						4	7.6	266	288	647	0	3.6	
	I	*C.dubia 4-day*	○	5	0						4	7.9	116	131	169	< 0.1	0.6	
	I	*P.promelas 4-day*	○	0	0						4	7.9	116	131	169	< 0.1	0.6	
2307.00000		**Rio Conchos 0.2 km Upstream from Mouth and 4.8 km Northwest of Ojinaga**											**2300.0602**		**13713**	**29°35'07"**	**104°25'28"**	***TNRCC*** ***NM***
13-Nov-92	W	*C.dubia 7-day*	○	0	0	○	19.4	18.7			7	8.0	160	273	892	< 0.1	1.2	
	W	*P.promelas 7-day*	○	3	7						7	8.0	160	273	892	< 0.1	1.2	
	S	*C.dubia 7-day*	●	100	10	○		18.4			3	7.6	175	157	485	< 0.1	1.2	
	S	*P.promelas 7-day*	○	7	7						7	7.6	175	157	485	< 0.1	1.2	
02-Dec-95	S	*C.dubia 7-day*	○	0	10	○	17.7	18.1			7	7.8	316	316	1012	< 0.2	4.8	
	S	*P.promelas 7-day*	○	3	7						7	7.8	316	316	1012	< 0.2	4.8	
05-Dec-95	W	*C.dubia 7-day*	○	0	0	○	17.6	18.6			7	7.8	290	748	3120	< 0.2	0.4	
	W	*P.promelas 7-day*	○	3	3						7	7.8	290	748	3120	< 0.2	0.4	
NM-2105.1		**Middle Rio Grande-From near the mouth to about 0.25 miles downstream of Rio Rancho Plant discharge**													**MRG2**			***NMED*** ***NM***
16-Jul-07	s	*C.dubia 7-day*	○	0	0	○	17.6	16.1			7	7.5	156	328	564	0	0.7	
	s	*P.promelas 7-day*	○	0	0						7	7.5	156	328	564	0	0.7	
NM-2108_00		**Middle Rio Grande-Immediately below Angostura Dam**													**MRG1**			***NMED*** ***NM***
16-Jul-07	s	*C.dubia 7-day*	○	0	0	○	17.1	16.1			7	7.4	154	432	556	0	1.3	
	s	*P.promelas 7-day*	○	7	0						7	7.4	154	432	556	0	1.3	
UPR211.00152		**Gallinas River below WWTP**													**NMED1**			***NMED*** ***NM***
24-Sep-90	W	*C.dubia 7-day*	○	0	10	○	18.5	17.2			7	8.0	231	452	785	< 0.1	0.5	
	W	*P.promelas 7-day*	○	7	3						7	8.0	231	452	785	< 0.1	0.5	
UPR211.00153		**Gallinas River above WWTP**													**NMED11**			***NMED*** ***NM***
24-Sep-90	W	*C.dubia 7-day*	○	0	10	○	16.3	17.2			7	8.0	226	476	851	< 0.1	0.5	
	W	*P.promelas 7-day*	○	10	3						7	8.0	226	476	851	< 0.1	0.5	
UPR211.00153		**Pecos Arroyo above Gallinas River**													**NMED12**			***NMED*** ***NM***

Sample Types
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● Significant Difference
○ No Significant Difference

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Fish - mortality, teratogenicity, or abnormal swimming behaviour.

Secondary Endpoints
Average number of young per female - applicable only to *Ceriodaphnia dubia.*
Weight - applicable only to fish larval survival and growth test.

Station	Waterbody Description	Old Number	Station ID	Latitude	Longitude	County	

Date Collected	Sample Type	Test Tyoe	Primary Endpoint	Test Percent Affected	Control Percent Affected	Secondary Endpoint	Test YPF	Control YPF	Test Weight (mg)	Control Weight (mg)	Test Duration (Days)	pH (S.U.)	Alkalinity (mg/L)	Hardness (mg/L)	Conductivity (umhos/cm)	Total Chlorine (mg/L)	Total Ammonia-N (mg/L)	Unionized Ammonia-N (mg/l)
Continued . . . **Pecos Arroyo above Gallinas River**																		
24-Sep-90	W	*C.dubia 7-day*	○	0	10	○	16.0	17.2			7	7.9	186	582	963	< 0.1	0.5	
	W	*P.promelas 7-day*	○	0	3						7	7.9	186	582	963	< 0.1	0.5	
UPR211.00153 Spring Arroyo at Airport Road															**NMED14**		***NMED***	***NM***
24-Sep-90	W	*C.dubia 7-day*	◉	100	10	○					7	7.9	211	280	449	< 0.1	1.2	
	W	*P.promelas 7-day*	◉	30	3						7	7.9	211	280	449	< 0.1	1.2	
UPR211.00153 Pecos Arroyo at Harris Lake															**NMED2**		***NMED***	***NM***
24-Sep-90	W	*C.dubia 7-day*	○	20	10	○	15.4	17.2			7	8.0	148	472	843	< 0.1	0.7	
	W	*P.promelas 7-day*	○	3	3						7	8.0	148	472	843	< 0.1	0.7	
UPR211.00153 Gallinas River at Grand Ave															**NMED13**		***NMED***	***NM***
24-Sep-90	W	*C.dubia 7-day*	◉	60	10	◉	0.0	17.2			7	8.3	246	384	562	< 0.1	0.5	
	W	*P.promelas 7-day*	○	13	3						7	8.3	246	384	562	< 0.1	0.5	
URG119.02351 Rio Pueblo de Taos, Upper End of the Lower Canyon															**NMED9**	**36°21'18"**	**105°42'18"** ***NMED***	***NM***
25-Jul-89	W	*C.dubia 7-day*	○	0	0	○	20.7	19.2			7	8.4	217	273	470	< 0.1	0.7	
	W	*P.promelas 7-day*	○	7	3						7	8.4	217	273	470	< 0.1	0.7	
URG119.02351 Rio Pueblo de Taos Below the Taos WWTF and Above USGS Guage															**NMED8**	**36°22'38"**	**105°40'07"** ***NMED***	***NM***
25-Jul-89	W	*C.dubia 7-day*	○	0	0	○	15.8	19.2			7	8.3	231	286	492	< 0.1	1.6	
	W	*P.promelas 7-day*	○	13	3						7	8.3	231	286	492	< 0.1	1.6	
URG119.02353 Rio Pueblo de Taos above the Taos Wastewater Treatment Facility															**NMED15**	**36°22'49"**	**105°39'44"** ***NMED***	***NM***
25-Jul-89	W	*C.dubia 7-day*	○	0	0	○	17.7	19.2			7	8.2	233	292	499	< 0.1	< 0.1	
	W	*P.promelas 7-day*	○	10	3						7	8.2	233	292	499	< 0.1	< 0.1	
URG119.23505 Rio Pueblo de Taos at the Rio Grande															**NMED10**	**36°20'20"**	**105°43'45"** ***NMED***	***NM***
25-Jul-89	W	*C.dubia 7-day*	○	0	0	○	18.0	19.2			7	8.6	194	253	450	< 0.1	0.6	
	W	*P.promelas 7-day*	○	10	3						7	8.6	194	253	450	< 0.1	0.6	

Sample Types

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◉ Significant Difference

○ No Significant Difference

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