LANL (Water Quality Data Base / Groundwater) General

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L s	Result
** R-7	08-05-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	08-06-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
R-9i	07-26-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	07-29-02	WG	UF	CS	GELC	<	1.45
R-12	07-31-02	WG	UF	CS	GELC	<	1.45
	08-01-02	WG	UF	CS	GELC	<	1.45
	08-01-02	WG	UF	CS	GELC	<	1.45
* R-19	08-20-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	08-22-02	WG	UF	CS	GELC	<	1.45
	08-23-02	WG	UF	CS	GELC	<	1.45
	08-26-02	WG	UF	CS	GELC	<	1.45
	08-26-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	08-27-02	WG	UF	CS	GELC	<	1.45
* R-22	07-08-02	WG	UF	CS	GELC	<	1.45
	07-09-02	WG	UF	CS	GELC	<	1.45
	07-10-02	WG	UF	CS	GELC	<	1.45
	07-11-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	07-11-02	WG	UF	CS	GELC	<	1.45
* R-25	08-07-02	WG	UF	CS	GELC	<	1.45
						<	1.45
				DUP	GELC	<	1.45
	08-08-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	08-08-02	WG	UF	CS	GELC	<	1.45
	08-09-02	WG	UF	CS	GELC	<	1.45

13822

	08-12-02	WG	UF	CS	GELC	< 1.45
	08-12-02	WG	UF	CS	GELC	< 1.45
	08-14-02	WG	UF	CS	GELC	< 1.45

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L Result
* R-25	08-14-02	WG	UF	DUP	GELC	< 1.45
	12-04-03	WG	UF	CS	GELC	< 4
				DUP	GELC	< 4
* Test Well 1	05-09-02	WG	UF	CS	GELC	< .958
	07-30-03	WG	UF	CS	GELC	2.24
* Test Well 3	05-09-02	WG	UF	CS	GELC	< .958
	07-17-03	WG	UF	CS	GELC	< .989
* Test Well 4	05-17-02	WG	UF	CS	GELC	< 1.45
	07-16-03	WG	UF	CS	GELC	< .989
				DUP	GELC	< .989
* Test Well 5	05-17-02	WG	UF	CS	GELC	< 1.45
						< 1.45
				DUP	GELC	< 1.45
	08-21-02	WG	UF	CS	GELC	< 1.45
	11-18-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	07-31-03	WG	UF	CS	GELC	< .989
						< .989
				DUP	GELC	< .989
* Test Well DT-5A	04-12-02	WG	UF	CS	GELC	< .958
	08-28-03	WG	UF	CS	GELC	< 4
* Test Well DT-9	04-10-02	WG	UF	CS	GELC	< .958
	04-10-02	WG	UF	CS	GELC	< .958
	08-06-03	WG	UF	CS	GELC	< .989
* Test Well DT-10	04-10-02	WG	UF	CS	GELC	< .958
	08-18-03	WG	UF	CS	GELC	< 4

**O-1	01-16-02	WG	UF	CS	BABC	<	2.17
					GELC	<	.801
	02-23-02	WG	UF	CS	BABC	<	2
				DUP	GELC	<	.801
	03-14-02	WG	UF	CS	GELC	<	.958
	04-18-02	WG	UF	CS	GELC	<	.958
						<	.958
				DUP	GELC	<	.958

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab		125 ClO4 ug/L Result
**O-1	05-18-02	WG	UF	CS	GELC	<	1.45
	06-26-02	WG	UF	CS	GELC	<	1.45
	07-16-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC		2.16
	09-25-02	WG	UF	CS	GELC	<	1.45
	10-09-02	WG	UF	CS	GELC	<	1.45
	12-18-02	WG	UF	CS	GELC		3
	02-08-03	WG	UF	CS	GELC		4.34
	04-09-03	WG	UF	CS	GELC		3.05
				DUP	GELC		3.29
	05-20-03	WG	UF	CS	GELC		1.61
	06-18-03	WG	UF	CS	GELC		2.35
				DUP	GELC		2.58
	07-23-03	WG	UF	CS	GELC		1.62
				DUP	GELC		2.22
	08-21-03	WG	UF	CS	GELC	<	4
	08-21-03	WG	UF	CS	GELC	<	4
	09-24-03	WG	UF	CS	GELC	<	4
	10-29-03	WG	UF	CS	GELC	<	4
*O-4	05-18-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC	<	1.45
	02-08-03	WG	UF	CS	GELC	<	1.45

	05-20-03	WG	UF	CS	GELC	< 1.45
	06-18-03	WG	UF	CS	GELC	< .989
	07-23-03	WG	UF	CS	GELC	< .989
	08-21-03	WG	UF	CS	GELC	< 4
						< 4
				DUP	GELC	< 4
	09-24-03	WG	UF	CS	GELC	< 4
*PM-1	05-18-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	08-24-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	02-08-03	WG	UF	CS	GELC	< 1.45

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

125

ClO4
ug/L

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	Result
*PM-1	05-20-03	WG	UF	CS	GELC	< 1.45
	06-18-03	WG	UF	CS	GELC	< .989
	07-23-03	WG	UF	CS	GELC	< .989
	08-21-03	WG	UF	CS	GELC	< 4
						< 4
	10-29-03	WG	UF	CS	GELC	< 4
*PM-2	05-18-02	WG	UF	CS	GELC	< 1.45
	08-24-02	WG	UF	CS	GELC	< 1.45
	02-08-03	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	05-20-03	WG	UF	CS	GELC	< 1.45
	06-18-03	WG	UF	CS	GELC	< .989
	07-23-03	WG	UF	CS	GELC	< .989
	08-04-03	WG	UF	CS	GELC	< 4
	08-21-03	WG	UF	CS	GELC	< 4
	09-24-03	WG	UF	CS	GELC	< 4
	10-29-03	WG	UF	CS	GELC	< 4

*PM-3	01-16-02	WG	UF	CS	BABC	<	2.17
					GELC	<	.801
				DUP	GELC		.884
	02-23-02	WG	UF	CS	BABC	<	2
				DUP	GELC	<	.801
	03-14-02	WG	UF	CS	GELC	<	.958
	04-18-02	WG	UF	CS	GELC	<	.958
	05-18-02	WG	UF	CS	GELC	<	1.45
	06-26-02	WG	UF	CS	GELC	<	1.45
	07-16-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC	<	1.45
	09-25-02	WG	UF	CS	GELC	<	1.45
	10-09-02	WG	UF	CS	GELC	<	1.45
	11-16-02	WG	UF	CS	GELC	<	1.45
	12-18-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	04-09-03	WG	UF	CS	GELC	<	1.45

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

cation Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L s	Result
***PM-3	05-20-03	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	06-18-03	WG	UF	CS	GELC	<	.989
	07-23-03	WG	UF	CS	GELC	<	.989
	08-21-03	WG	UF	CS	GELC	<	4
						<	4
	09-24-03	WG	UF	CS	GELC	<	4
	10-29-03	WG	UF	CS	GELC	<	4
*PM-4	06-18-03	WG	UF	CS	GELC	<	.989
	07-23-03	WG	UF	CS	GELC	<	.989
	08-21-03	WG	UF	CS	GELC	<	4
						<	4
*PM-5	01-16-02	WG	UF	CS	BABC	<	2.17

					GELC	<	.801
	02-23-02	WG	UF	CS	BABC	<	2
				DUP	GELC	<	.801
	03-14-02	WG	UF	CS	GELC	<	.958
	04-18-02	WG	UF	CS	GELC	<	.958
	05-18-02	WG	UF	CS	GELC	<	1.45
	06-26-02	WG	UF	CS	GELC	<	1.45
	07-16-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC	<	1.45
	09-25-02	WG	UF	CS	GELC	<	1.45
	10-09-02	WG	UF	CS	GELC	<	1.45
	11-16-02	WG	UF	CS	GELC	<	1.45
	04-09-03	WG	UF	CS	GELC	<	1.45
	05-14-03	WG	UF	CS	GELC	<	1.45
	06-18-03	WG	UF	CS	GELC	<	.988
	07-23-03	WG	UF	CS	GELC	<	.989
	08-21-03	WG	UF	CS	GELC	<	4
						<	4
	09-04-03	WG	UF	CS	GELC	<	4
	10-29-03	WG	UF	CS	GELC	<	4
* G-1A	05-18-02	WG	UF	CS	GELC	<	1.45

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L s	Result
*** G-1A	08-24-02	WG	UF	CS	GELC	<	1.45
	02-08-03	WG	UF	CS	GELC	<	1.45
	08-21-03	WG	UF	CS	GELC	<	4
						<	4
	08-21-03	WG	UF	CS	GELC	<	4
				DUP	GELC	<	4
* G-2A	05-18-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC	<	1.45

	02-08-03	WG	UF	CS	GELC	<	1.45
	08-21-03	WG	UF	CS	GELC	<	4
				DUP	GELC	<	4
	08-21-03	WG	UF	CS	GELC	<	4
* G-3A	05-18-02	WG	UF	CS	GELC	<	1.45
	08-24-02	WG	UF	CS	GELC	<	1.45
	02-08-03	WG	UF	CS	GELC	<	1.45
	08-21-03	WG	UF	CS	GELC	<	4
	08-21-03	WG	UF	CS	GELC	<	4
* G-4A	08-24-02	WG	UF	CS	GELC	<	1.45
	11-16-02	WG	UF	CS	GELC	<	1.45
	02-08-03	WG	UF	CS	GELC	<	1.45
	08-21-03	WG	UF	CS	GELC	<	4
	08-21-03	WG	UF	CS	GELC	<	4
[illegible]	08-24-02	WG	UF	CS	GELC	<	1.45
	11-16-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	02-08-03	WG	UF	CS	GELC	<	1.45
	08-21-03	WG	UF	CS	GELC	<	4
	08-21-03	WG	UF	CS	GELC	<	4
* * * Sandia Spring	11-06-02	WG	UF	CS	GELC	<	1.45
	10-06-03	WG	UF	CS	GELC	<	4
* Spring 3	10-09-02	WG	UF	CS	GELC	<	1.45
	02-25-03	WG	UF	CS	GELC	<	1.45
	10-06-03	WG	UF	CS	GELC	<	4
* Spring 3A	02-25-03	WG	UF	CS	GELC	<	1.45

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	s	125 ClO4 ug/L Result
* * * Spring 3A	10-06-03	WG	UF	CS	GELC	<	4
* Spring 3AA	10-06-03	WG	UF	CS	GELC	<	4
* Spring 4	01-28-02	WG	UF	CS	BABC	<	2

						< 2
					GELC	< .801
						< .801
				DUP	BABC	< 2.17
						< 2.17
					GELC	< .801
	10-17-02	WG	UF	CS	GELC	< 1.45
	10-06-03	WG	UF	CS	GELC	< 4
				DUP	GELC	< 4
* Spring 4B	01-28-02	WG	UF	CS	BABC	< 2
					GELC	< 1
				DUP	BABC	< 2.17
* Spring 4C	01-28-02	WG	UF	CS	BABC	< 2
					GELC	< .801
				DUP	BABC	< 2.17
* Spring 4A	01-28-02	WG	UF	CS	BABC	12
					GELC	< .801
				DUP	BABC	12
				RE	BABC	< 2
				REDP	BABC	< 2
	10-17-02	WG	UF	CS	GELC	< 1.45
	10-07-03	WG	UF	CS	GELC	< 4
* Spring 4AA	01-28-02	WG	UF	CS	BABC	< 2
					GELC	< .801
				DUP	BABC	< 2.17
* Spring 5	10-07-03	WG	UF	CS	GELC	< 4
* Spring 5B	10-07-03	WG	UF	CS	GELC	< 4
* Spring 6	09-24-02	WG	UF	CS	GELC	< 1.45
* Spring 6A	10-07-03	WG	UF	CS	GELC	< 4
* Spring 8	10-07-03	WG	UF	CS	GELC	< 4
				DUP	GELC	< 4

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

						125
						ClO4
						ug/L
	Sample	Field	Field	Lab		

Location Name	Date	Matrix	Prep	Sample Type	Lab	s	Result
*** Spring 8A	10-07-03	WG	UF	CS	GELC	<	4
* Spring 9	10-08-03	WG	UF	CS	GELC	<	4
* Spring 9A	10-08-03	WG	UF	CS	GELC	<	4
* Doe Spring	10-08-03	WG	UF	CS	GELC	<	4
** Spring 1	11-06-02	WG	UF	CS	GELC	<	1.45
	10-06-03	WG	UF	CS	GELC	<	4
						<	4
				DUP	GELC	<	4
* Spring 2	11-06-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	10-06-03	WG	UF	CS	GELC	<	4
** La Mesita Spring	06-24-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	07-21-03	WG	UF	CS	GELC	<	.989
** Sacred Spring	06-25-02	WG	UF	CS	GELC	<	1.45
						<	1.45
				DUP	GELC	<	1.45
	07-23-03	WG	UF	CS	GELC	<	.989
						<	.989
*** APCO-1	11-15-02	WG	UF	CS	GELC	<	1.45
						<	1.45
	08-08-03	WG	UF	CS	GELC	<	.989
						<	989
** LAO-C	04-23-02	WG	UF	CS	GELC	<	.958
	07-09-03	WG	UF	CS	GELC	<	.989
				DUP	GELC	<	.989
* LAO-0.7	04-24-02	WG	UF	CS	GELC	<	.958
	07-09-03	WG	UF	CS	GELC	<	.989
* LAO-1	08-05-02	WG	UF	CS	GELC	<	1.45
	09-18-03	WG	UF	CS	GELC	<	4
* DP Spring	08-27-03	WG	UF	CS	GELC	<	4
* LAO-2	08-07-02	WG	UF	CS	GELC	<	1.45
				DUP	GELC	<	1.45
	09-19-03	WG	UF	CS	GELC	<	4

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	ClO4 ug/L s	Result
***LAO-2	09-19-03	WG	UF	DUP	GELC	<	4
*LAO-3A	04-25-02	WG	UF	CS	GELC	<	.958
	09-17-03	WG	UF	CS	GELC	<	4
**MCO-3	03-28-02	WG	F	CS	GELC		78.4
	05-01-02	WG	UF	CS	GELC		36.9
	08-27-02	WG	F	CS	GELC		3.54
	11-20-02	WG	F	CS	GELC		4.34
	03-26-03	WG	F	CS	GELC		2.59
				DUP	GELC		2.63
	05-04-03	WG	UF	CS	GELC	<	1.45
	07-08-03	WG	UF	CS	GELC	<	.989
				DUP	GELC	<	.989
	07-10-03	WG	UF	CS	GELC	<	.989
	08-11-03	WG	UF	CS	GELC		2.35
				DUP	GELC		2.64
	10-21-03	WG	UF	CS	GELC	<	4
*MCO-4B	05-02-03	WG	UF	CS	GELC		20.5
	08-13-03	WG	UF	CS	GELC		10.4
	10-20-03	WG	UF	CS	GELC		13.2
*MCO-5	05-30-02	WG	UF	CS	GELC		99.8
	04-02-03	WG	UF	CS	GELC		27.7
				DUP	GELC		28.2
	06-30-03	WG	UF	CS	GELC		15.6
				DUP	GELC		15.3
*MCO-6	04-08-02	WG	UF	CS	GELC		83.2
				DUP	GELC		83.2
	05-29-02	WG	F	CS	GELC		96.2
	08-26-02	WG	F	CS	GELC		102
	11-19-02	WG	F	CS	GELC		77.5
	03-27-03	WG	F	CS	GELC		44.9
	03-27-03	WG	F	CS	GELC		43.2
	06-03-03	WG	UF	CS	GELC		37.4
	07-01-03	WG	UF	CS	GELC		15.5
	08-14-03	WG	UF	CS	GELC		15.8

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L Result
* * MCO-7	03-27-02	WG	F	CS	GELC	128
	06-06-02	WG	F	CS	GELC	137
			UF	CS	GELC	130
				DUP	GELC	129
	08-26-02	WG	F	CS	GELC	143
	11-19-02	WG	F	CS	GELC	108
	03-26-03	WG	F	CS	GELC	91.5
	04-03-03	WG	UF	CS	GELC	84.8
	07-01-03	WG	UF	CS	GELC	71.7
	08-14-03	WG	UF	CS	GELC	60.4
	10-20-03	WG	UF	CS	GELC	58.3
* MCO-7.5	07-07-03	WG	UF	CS	GELC	148
* CDBO-6	05-31-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
* * POI-4	10-16-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	08-20-03	WG	UF	CS	GELC	< 4
				DUP	GELC	< 4
salt Spring	06-25-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	07-22-03	WG	UF	CS	GELC	< .989
* * Water Canyon Gallery	09-09-02	WG	UF	CS	GELC	< 1.45
	08-26-03	WG	UF	CS	GELC	< 4
				DUP	GELC	< 4
* * * LA-5	06-24-02	WG	UF	CS	GELC	< 1.45
	07-23-03	WG	UF	CS	GELC	< .989
* Westside Artesian Well	06-25-02	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45
	07-22-03	WG	UF	CS	GELC	< .989
* Eastside Artesian Well	06-24-02	WG	UF	CS	GELC	< 1.45
	07-23-03	WG	UF	CS	GELC	< .989
* Pajarito Well (Pump 1)	06-25-02	WG	UF	CS	GELC	< 1.45

	07-21-03	WG	UF	CS	GELC	< .989
				DUP	GELC	< .989

Los Alamos National Laboratory
Water Quality Database
Groundwater Inorganics Report

Location Name	Sample Date	Field Matrix	Field Prep	Lab Sample Type	Lab	125 ClO4 ug/L s Result
* Black Mesa Well	07-21-03	WG	UF	CS	GELC	< .989
* J. Martinez House Well	06-25-02	WG	UF	CS	GELC	< 1.45
						< 1.45
	07-21-03	WG	UF	CS	GELC	< .989
						< .989
* Otowi House Well	06-25-02	WG	UF	CS	GELC	< 1.45
* New Community Well	06-24-02	WG	UF	CS	GELC	< 1.45
	07-22-03	WG	UF	CS	GELC	< .989
* Buckman 1	05-17-02	WG	UF	CS	GELC	< 1.45
						< 1.45
	10-10-02	WG	UF	CS	GELC	< 1.45
	05-15-03	WG	UF	CS	GELC	< 1.45
* Buckman 2	05-17-02	WG	UF	CS	GELC	< 1.45
	10-10-02	WG	UF	CS	GELC	< 1.45
						< 1.45
	05-15-03	WG	UF	CS	GELC	< 1.45
* Buckman 8	05-17-02	WG	UF	CS	GELC	< 1.45
	10-10-02	WG	UF	CS	GELC	< 1.45
	05-15-03	WG	UF	CS	GELC	< 1.45
Buckman 9	05-15-03	WG	UF	CS	GELC	< 1.45
Buckman NW	05-15-03	WG	UF	CS	GELC	< 1.45
				DUP	GELC	< 1.45