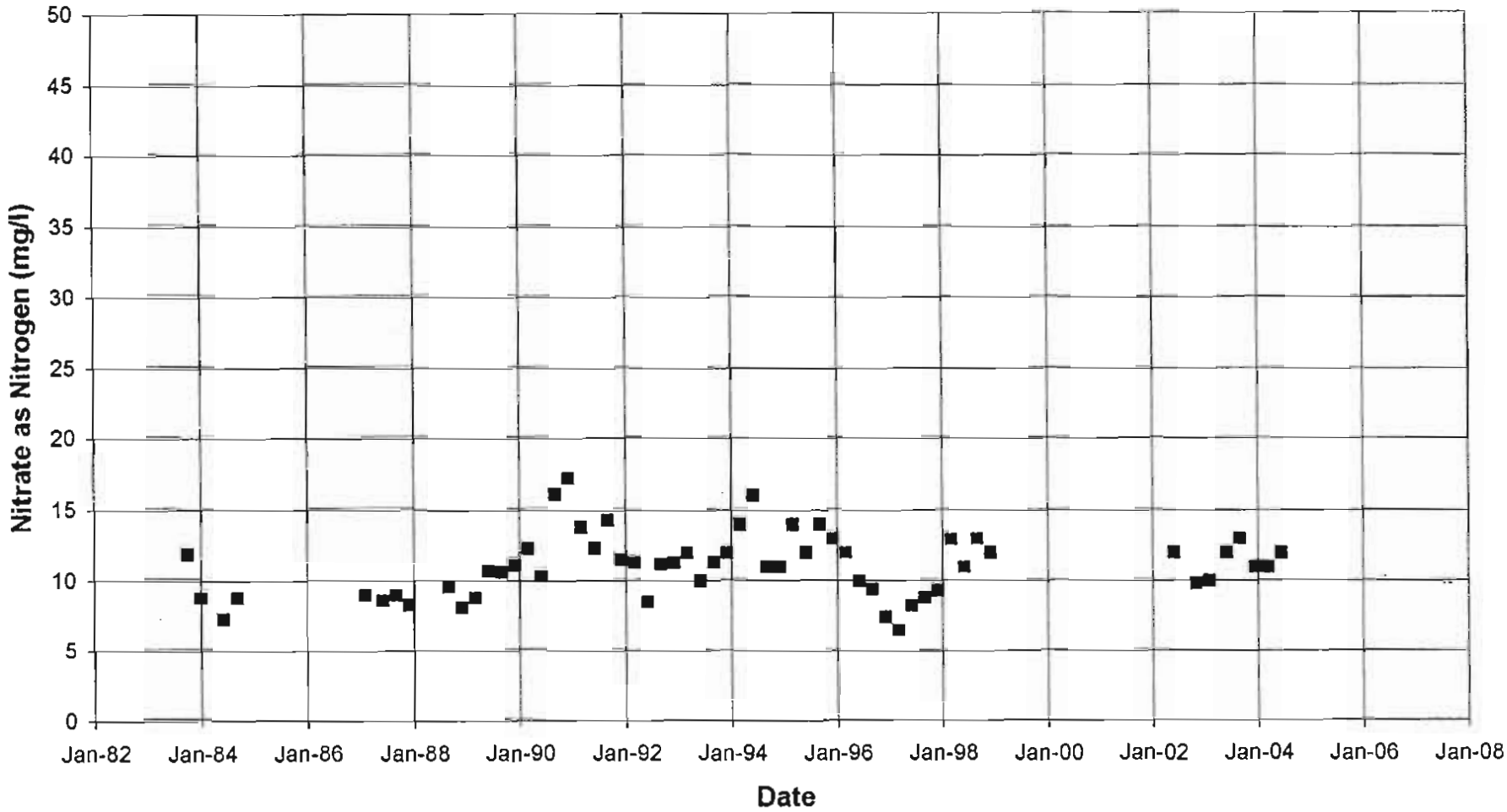
Table 5
Water Quality Comparison

Well ID	NO_3-N (mg/l)					TDS (mg/l)				
	Oct 2004	Apr 2005	Oct 2005	Apr 2006	Oct 2006	Oct 2004	Apr 2005	Oct 2005	Apr 2006	Oct 2006
30S/10E-13G	11	8.9	9.6	11	10	300	270	310	280	260
30S/10E-13H	3.2	1.3	14	8.7	2.6	210	130	180	190	250
30S/10E-13L5	26	28	22	23	11	1200	1100	1200	1100	1400
30S/10E-13Q1	21	21	20	22	18	430	470	460	500	450
30S/10E-24A	11	11	12	12	11	200	220	210	200	220
30S/11E-7K	14	14	6.1	12	11	380	410	330	440	350
30S/11E-7L3	16	19	52	21	23	510	490	580	470	550
30S/11E-7N1	2.4	2.2	2.1	2.6	2.9	180	120	160	150	150
30S/11E-7Q1	16	18	20	22	21	430	340	390	440	430
30S/11E-7R1	15	12	14	17	13	330	260	360	360	350
30S/11E-8Ma				4.9	4.2				330	440
30S/11E-8Mb				19*	18*				450	450
30S/11E-8N2	0.8	<0.5	0.8	2.4	1.2	100	67	58	75	57
30S/11E-17D	17	20	17	18	17	360	360	300	300	280
30S/11E-17E9				14	13				340	330
30S/11E-17F4	0.7	0.5	0.5	0.6	0.6	320	330	300	320	310
30S/11E-17N4	6.3	5.1	5.6	6.2	5.6	210	200	200	200	200
30S/11E-18A	15	14	14	13	11	310	330	340	280	270
30S/11E-18B1	7.4	2.4	12	8.6	7	350	110	320	340	250
30S/11E-18C1	15	10	17	16	14	290	280	370	370	360
30S/11E-18E1	7.9	7.9	6.9	6.2	7.9	280	240	250	240	240
30S/11E-18J6	4.9	4.4	6.2	4.4	1.9	600	330	370	340	390
30S/11E-18L3	9.4	13	10	9.1	5.9	280	210	270	250	210
30S/11E-18L4	16	9.6	15	15	14	380	360	340	350	350
30S/11E-18N1	15	12	21	22	20	420	270	400	440	420
30S/11E-18R1	17	15	17	18	18	370	390	410	380	350
30S/11E-20B	3.8	2.5	6.2	7.0	6	320	340	330	330	340
30S/11E-21D	3.0	9.2	6.0	7.3	4.8	610	600	850	720	780
Averages	11.0	10.4	13.1	12.2	10.5	375	333	372	364	373

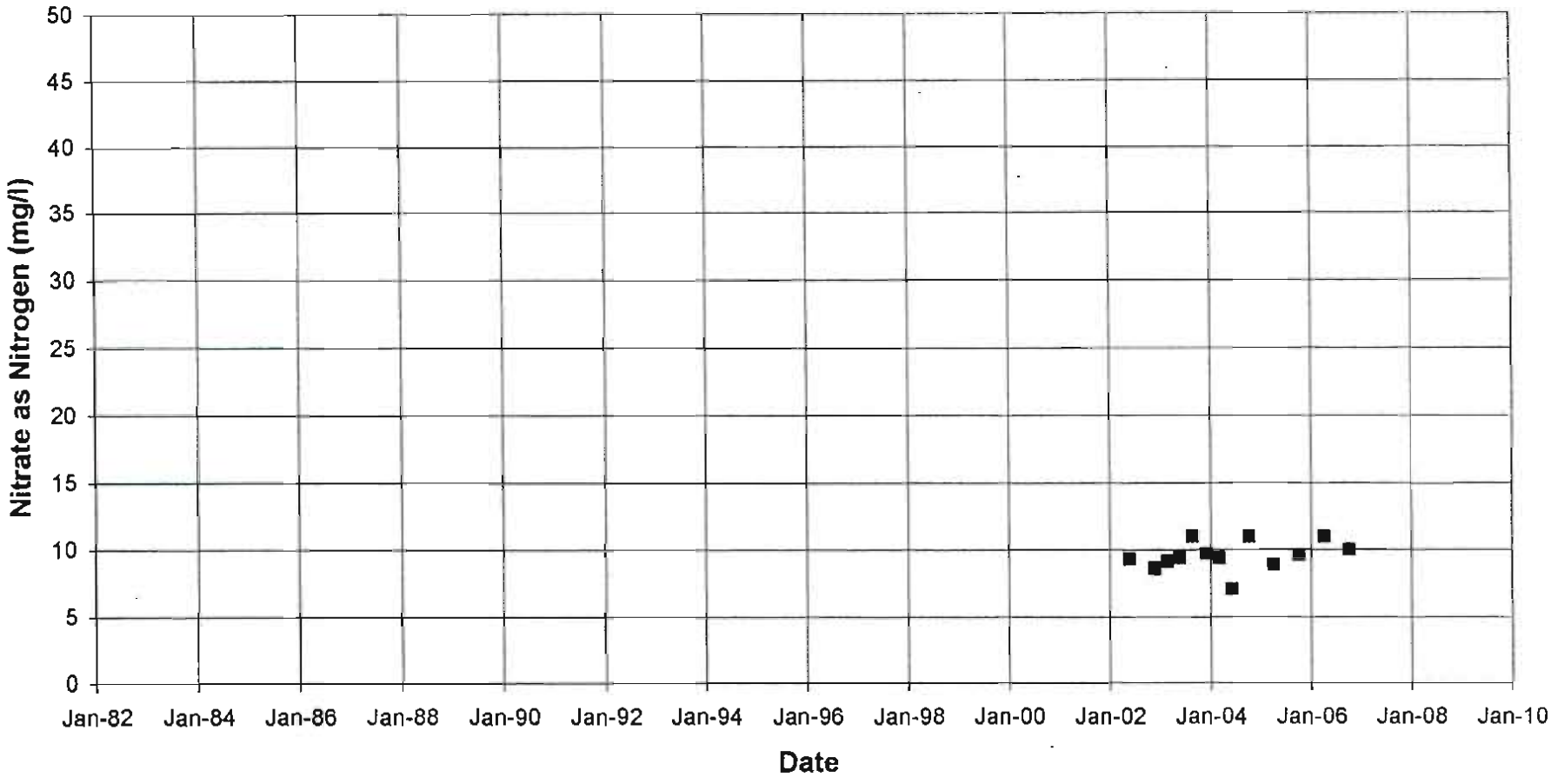
Long-Term Trends

Graphs 1 through 60 in Appendix E present the NO_3-N concentrations and TDS concentrations over time for all 30 current and former network wells in the Nitrate Monitoring Program. The graphs differentiate between historical (CSA9) data and new (LOCSD) data for those wells which were replaced in 2002. Many of the chemical hydrographs show a relatively large fluctuation in NO_3-N and TDS concentrations over time (300% fluctuation not uncommon).

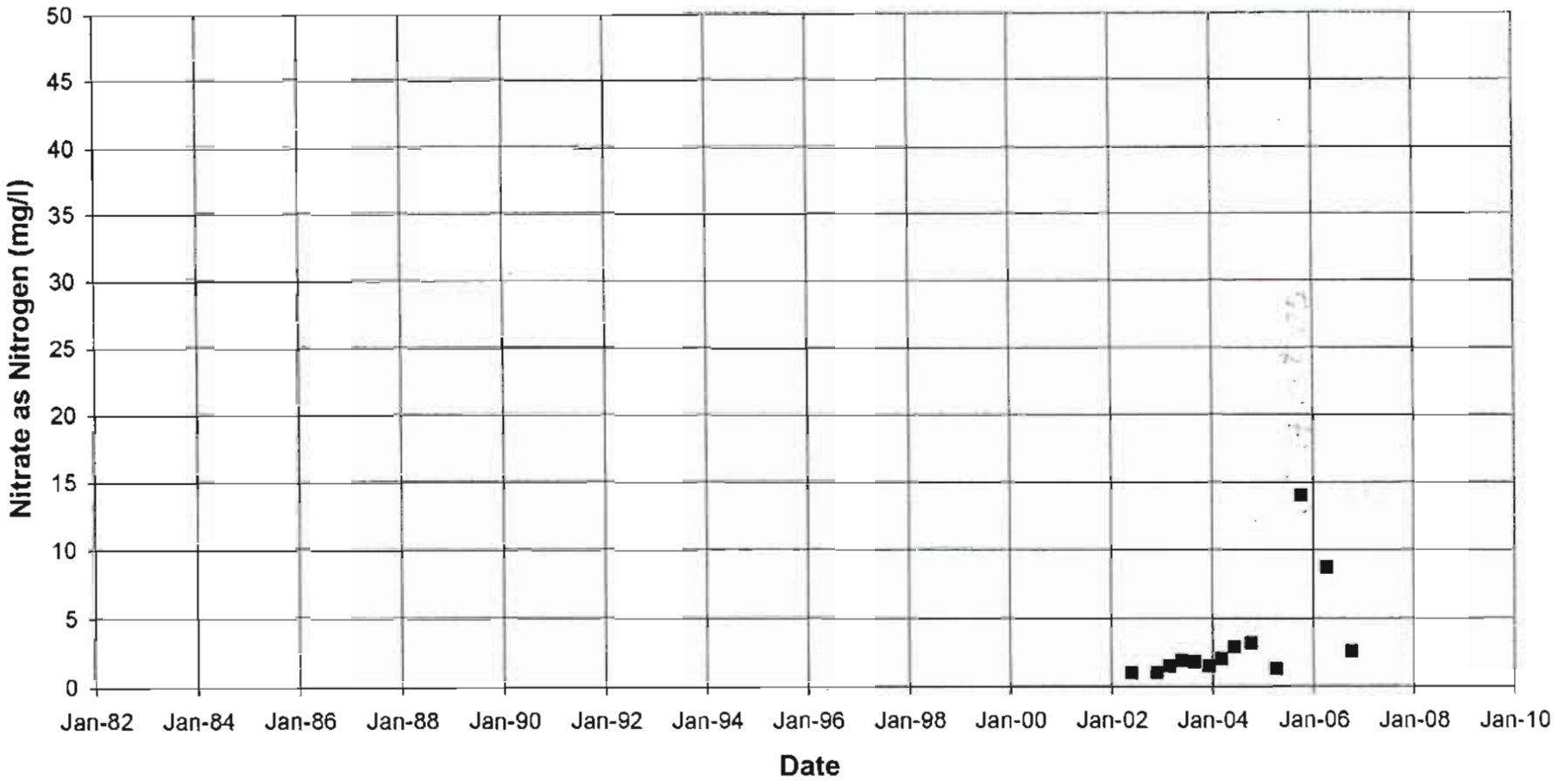
Graph 1
Well 30S/10E-13A7
NO_3-N vs Time



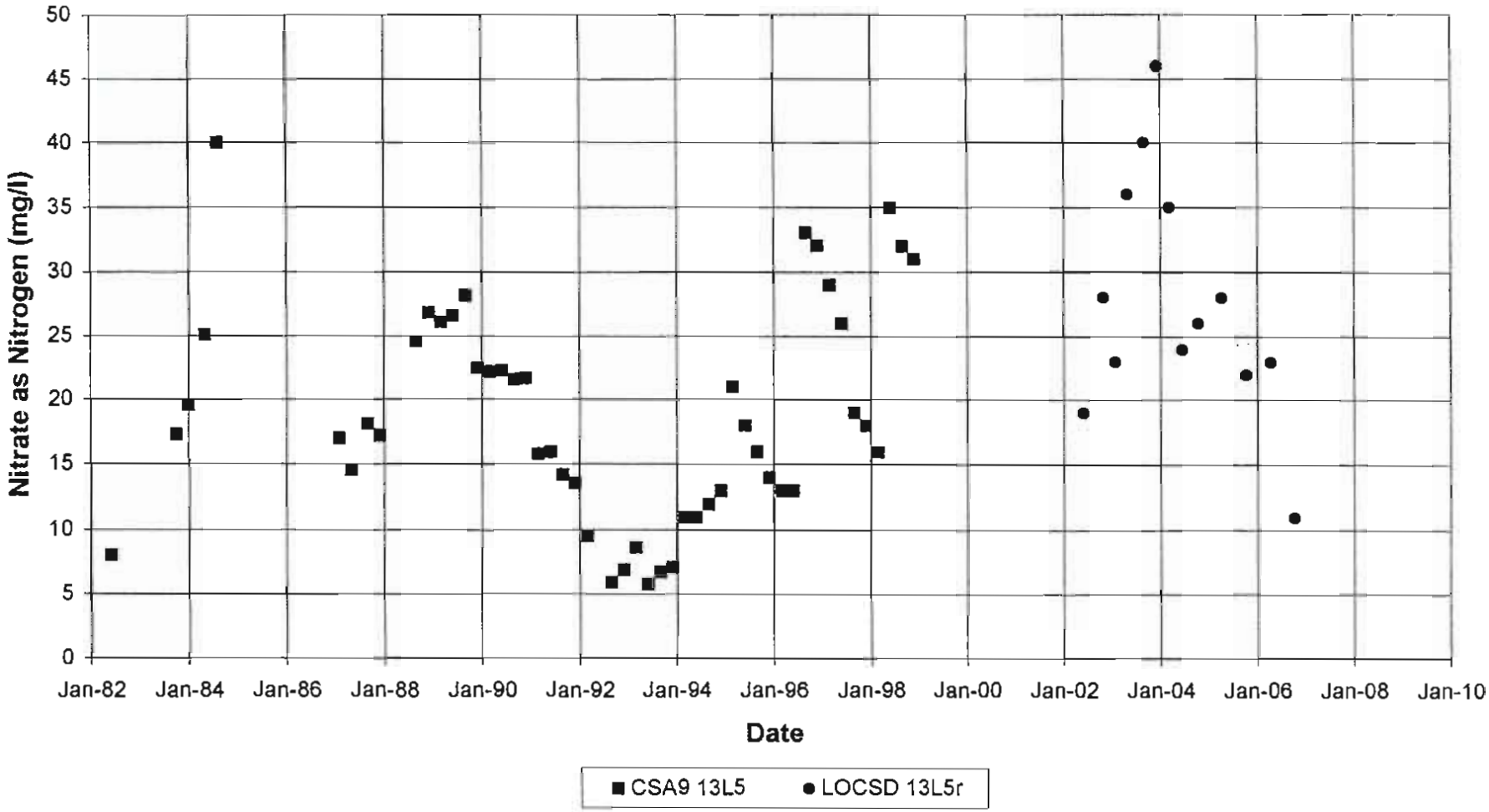
Graph 3
Well 30S/10E-13G
NO_3-N vs Time



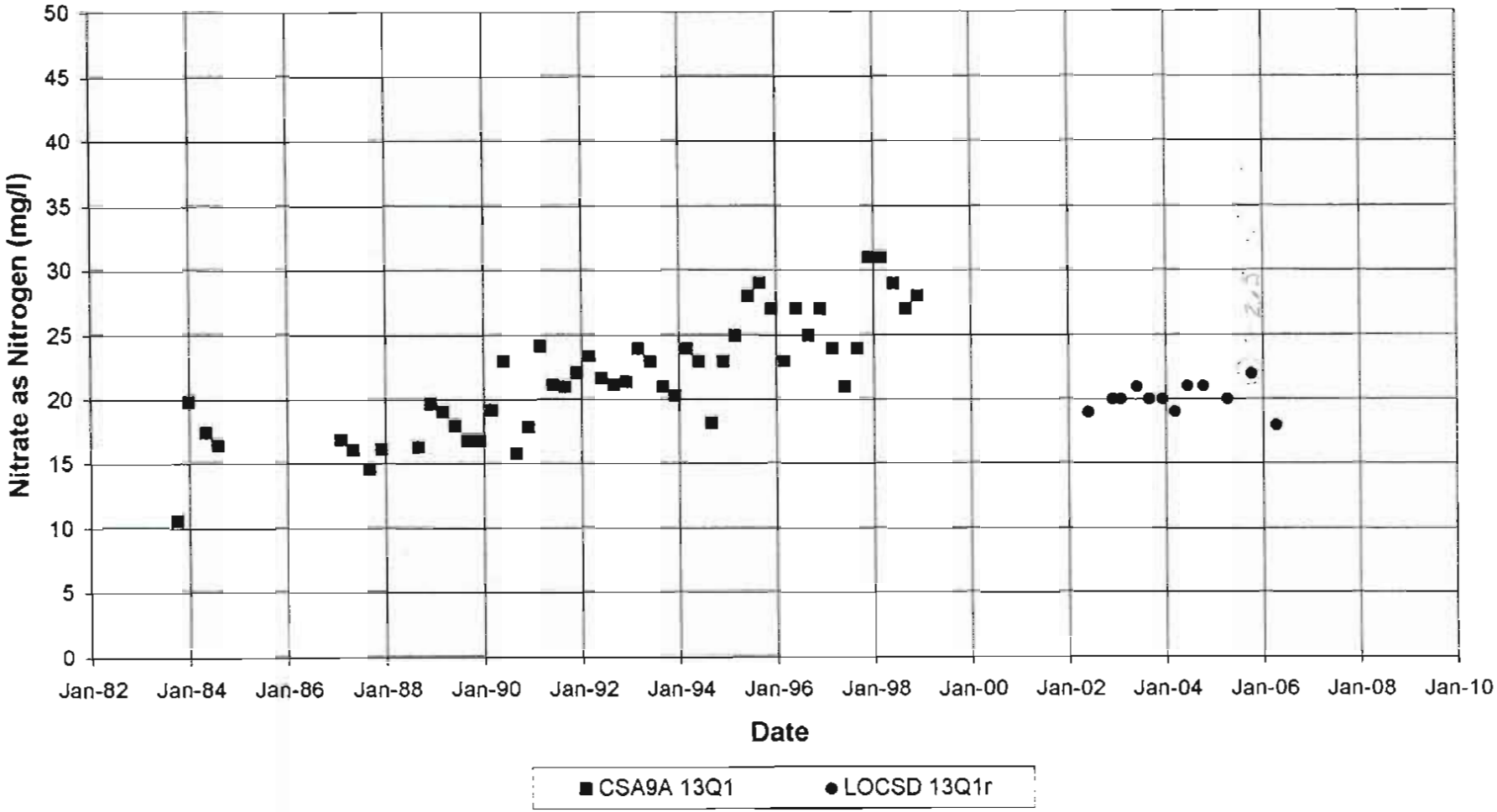
Graph 5
Well 30S/10E-13H
NO_3-N vs Time



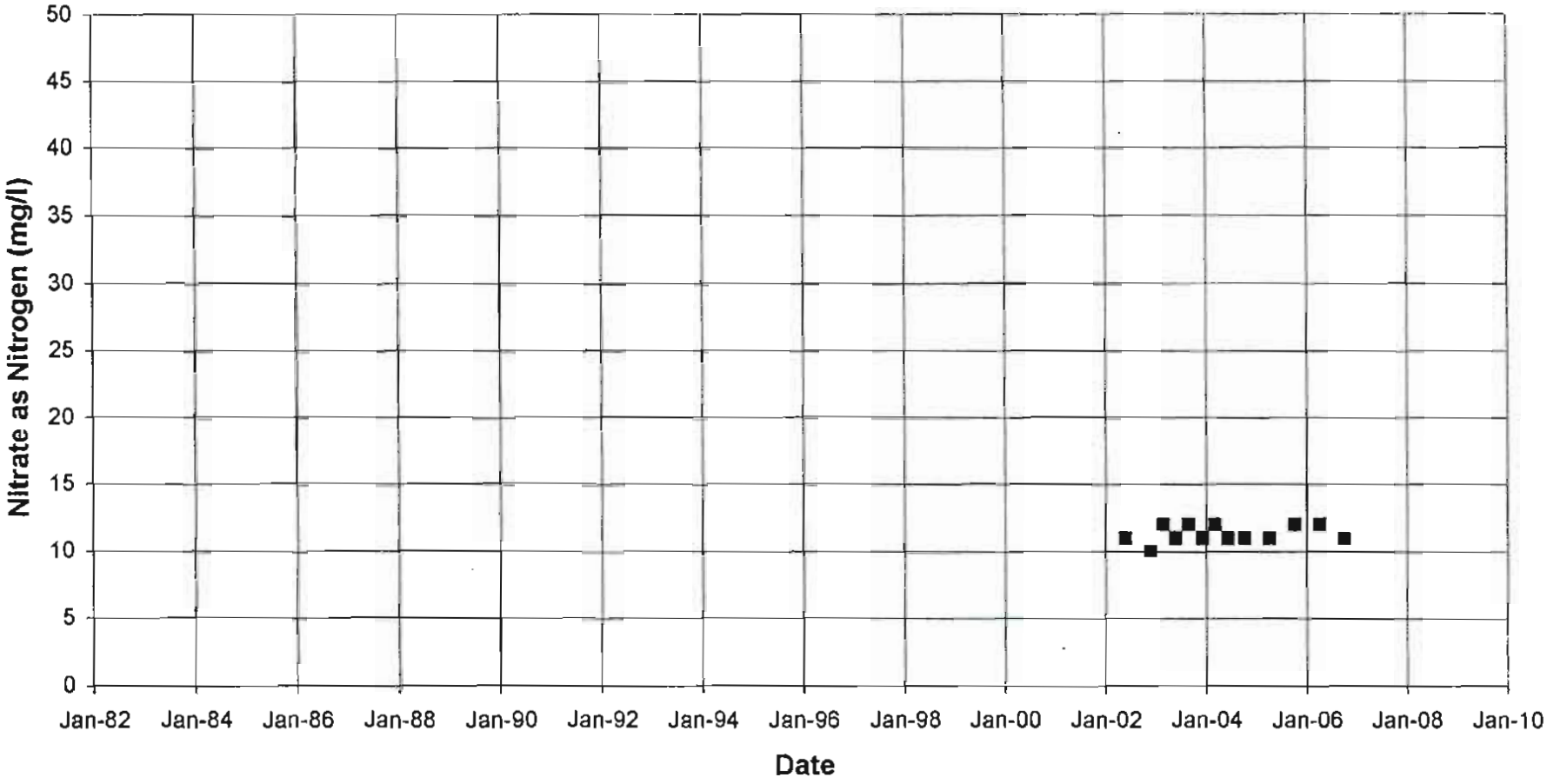
Graph 7
Well 30S/10E-13L5
NO_3-N vs Time



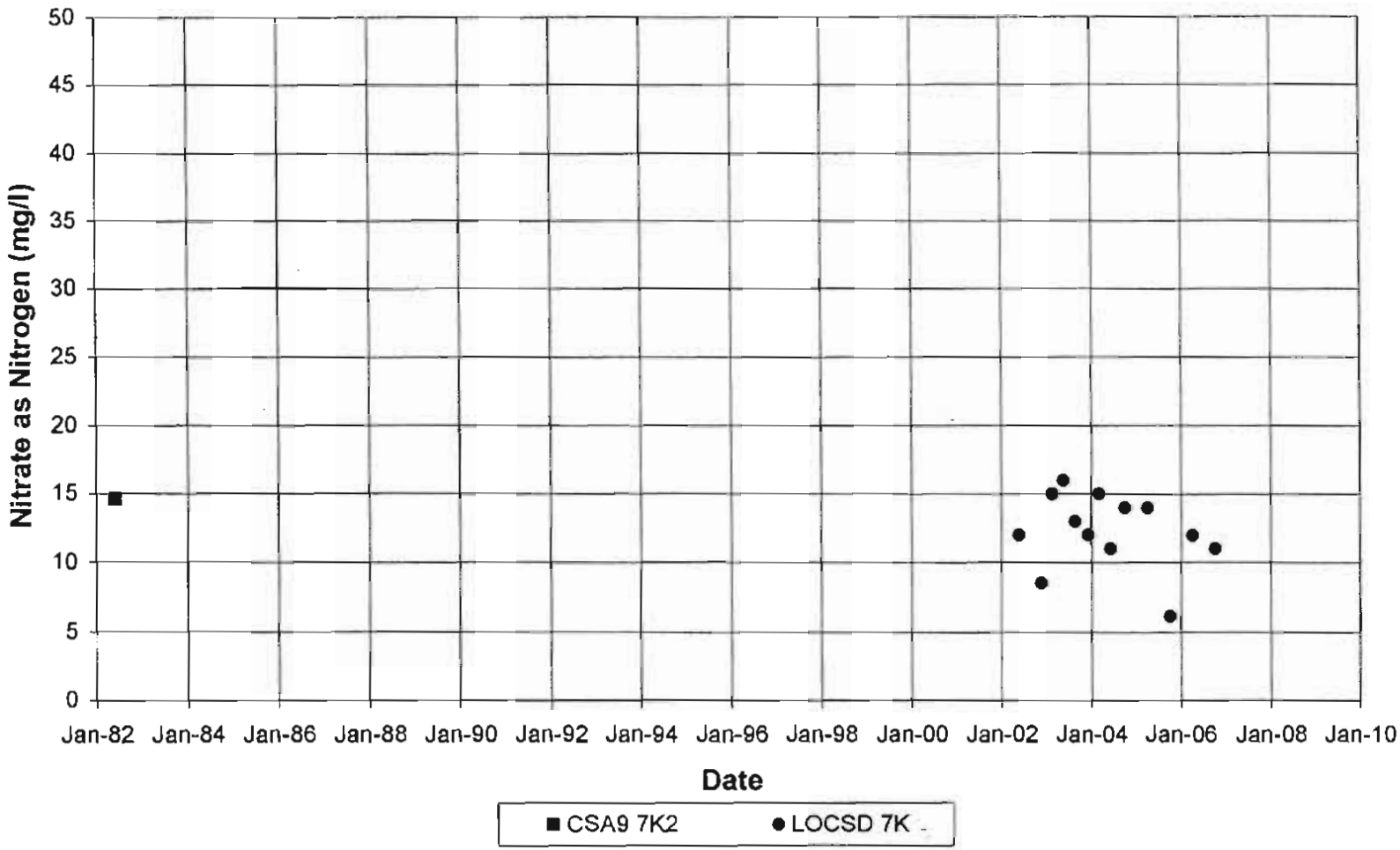
Graph 9
Well 30S/10E-13Q1
NO_3-N vs Time



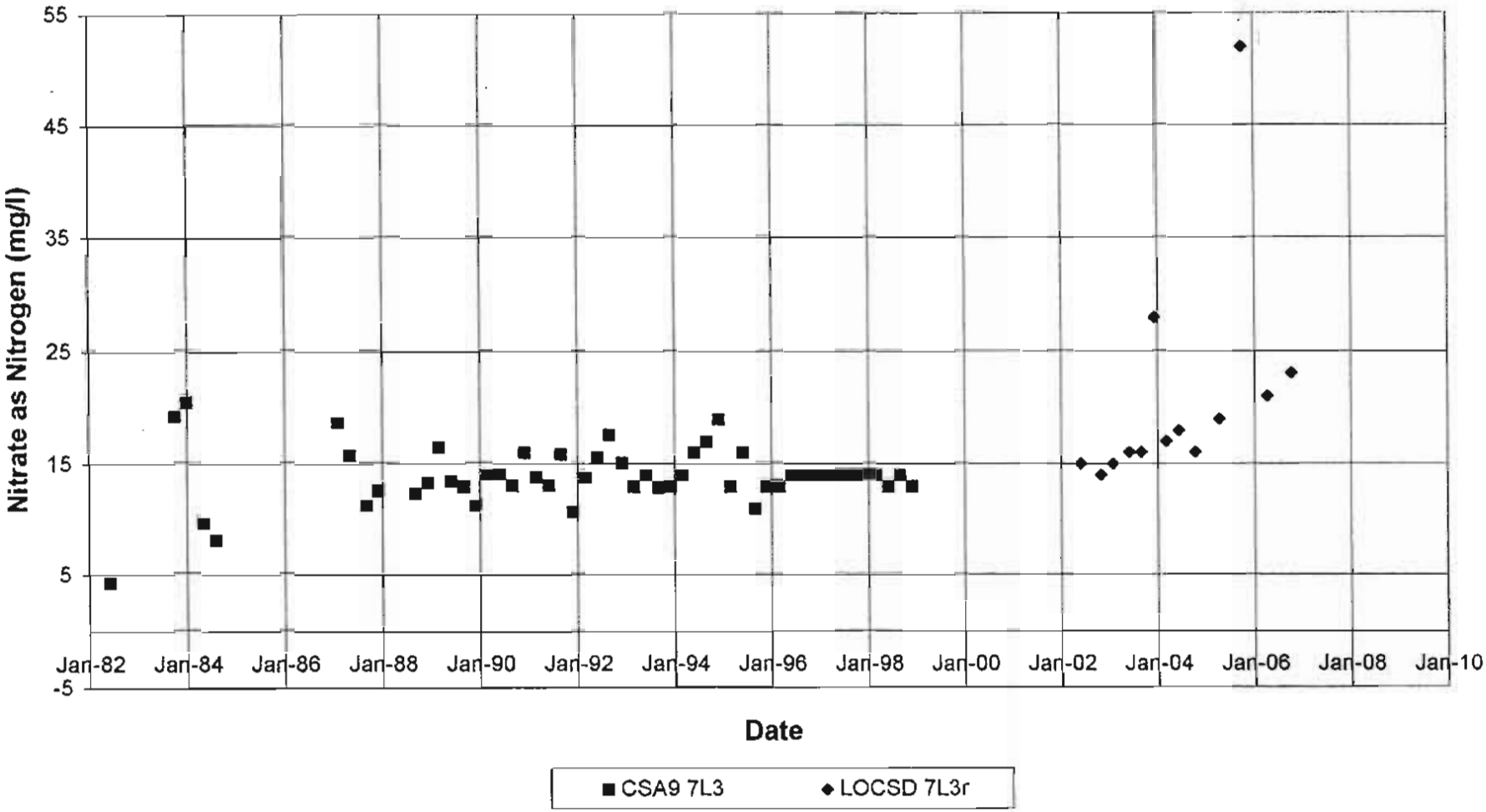
Graph 11
Well 30S/10E-24A
NO_3-N vs Time



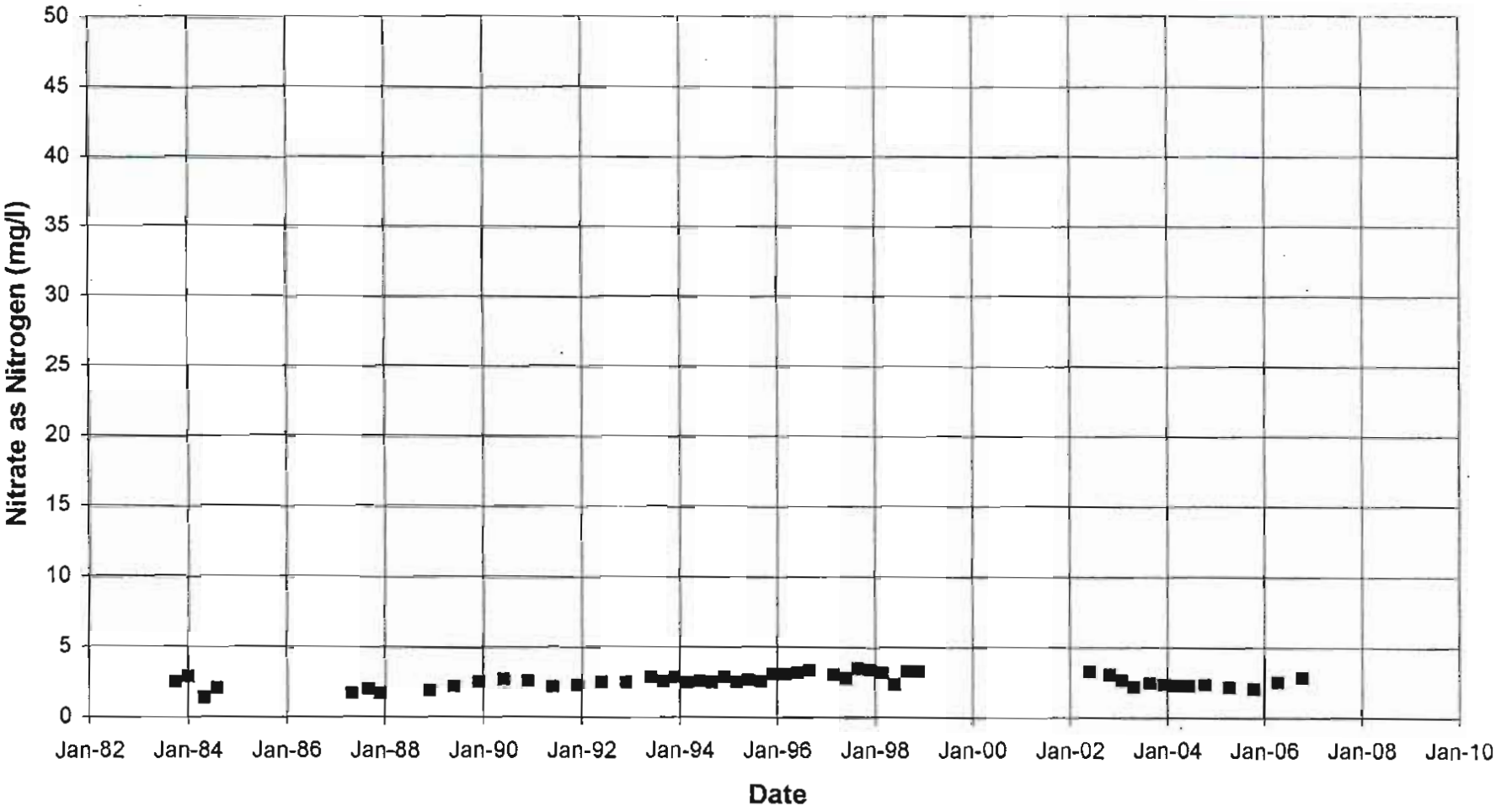
Graph 13
Well 30S/11E-7K
NO_3-N vs Time



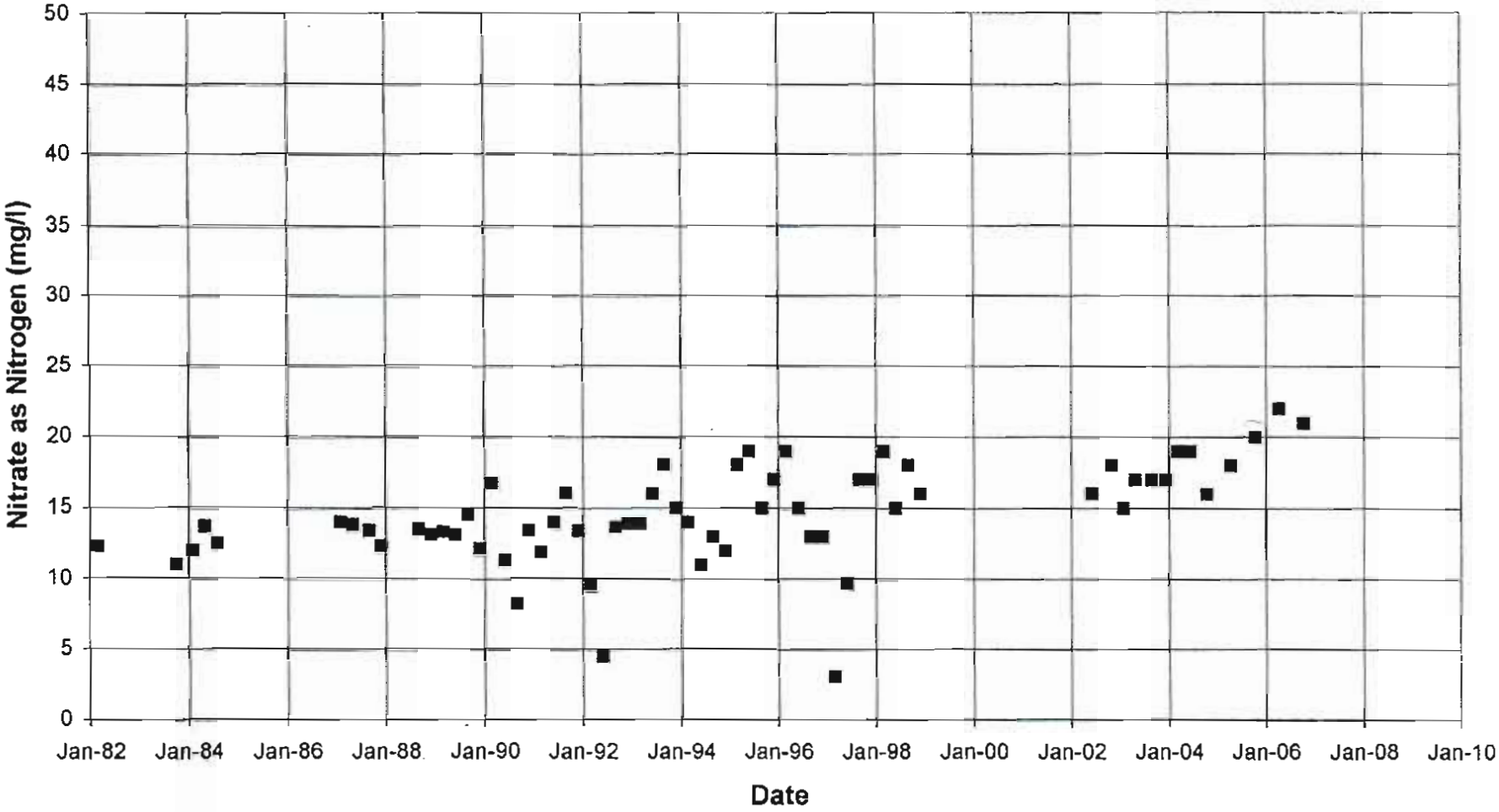
Graph 15
Well 30S/11E-7L3
NO_3-N vs Time

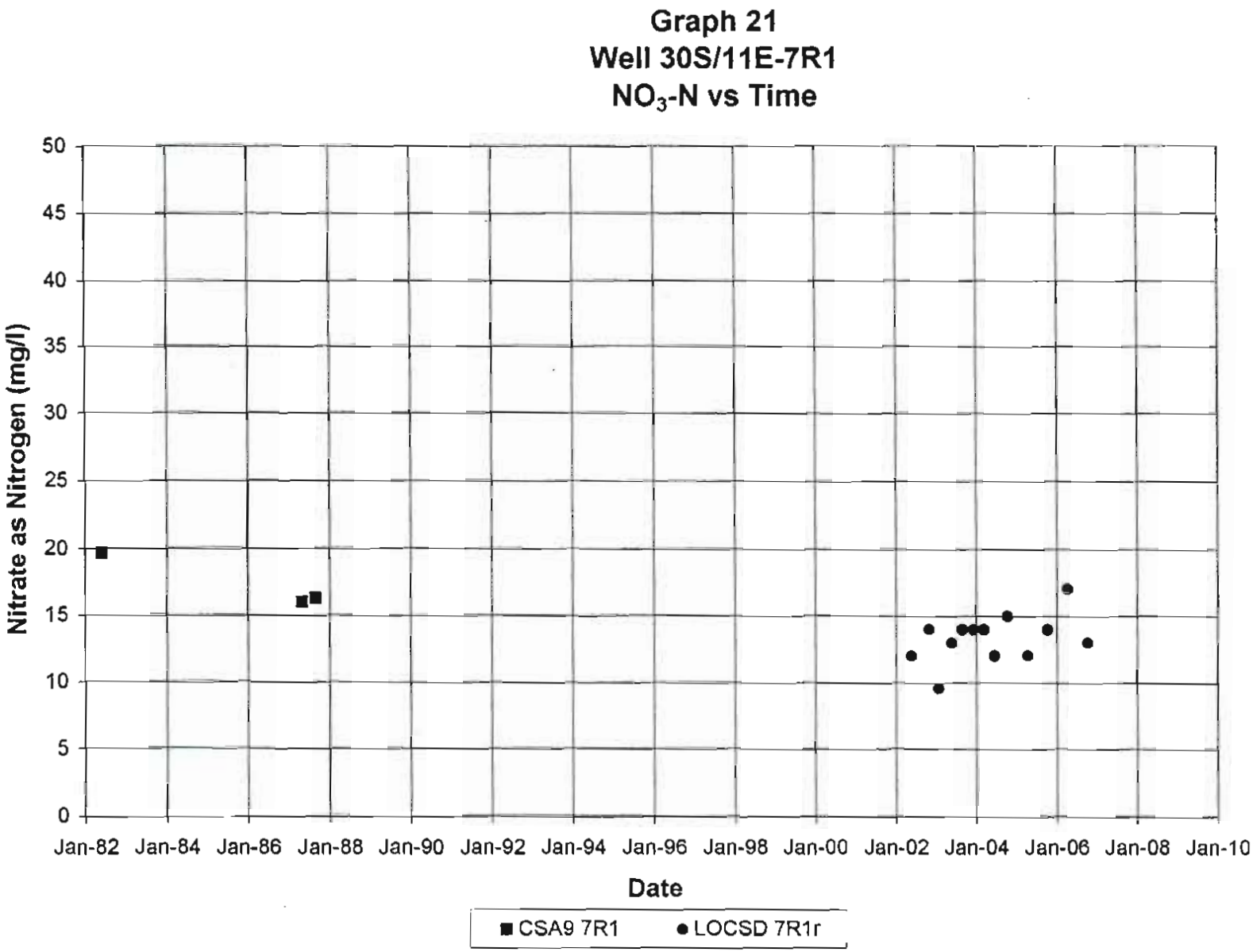


Graph 17
Well 30S/11E-7N1
NO_3-N vs Time

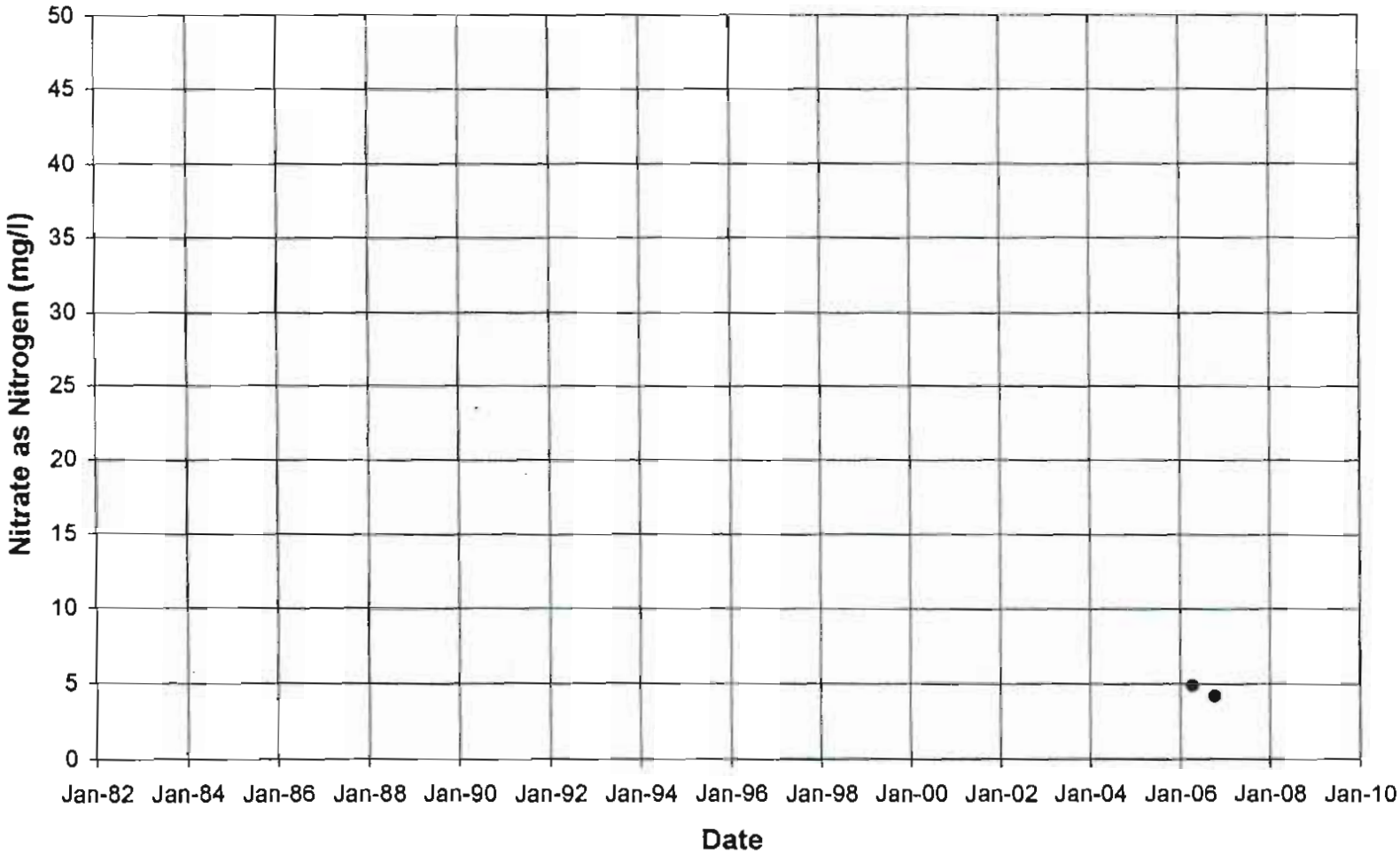


Graph 19
Well 30S/11E-7Q1
NO_3-N vs Time

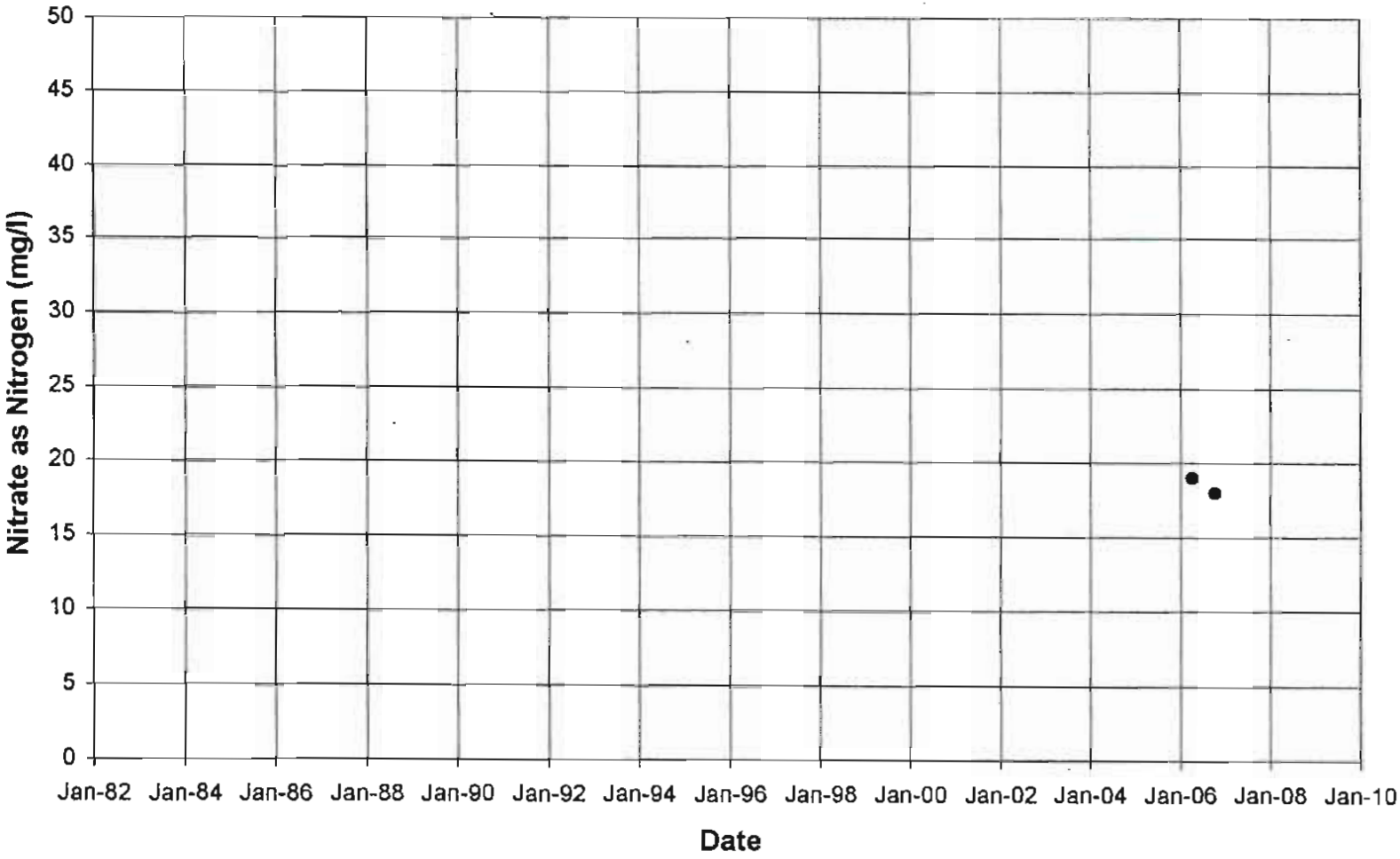



Graph 21
Well 30S/11E-7R1
NO3-N vs Time
Nitrate as Nitrogen (mg/l)
50
45
40
35
30
25
20
15
10
5
0
Jan-82
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Date
CSA9 7R1
LOCSD 7R1r

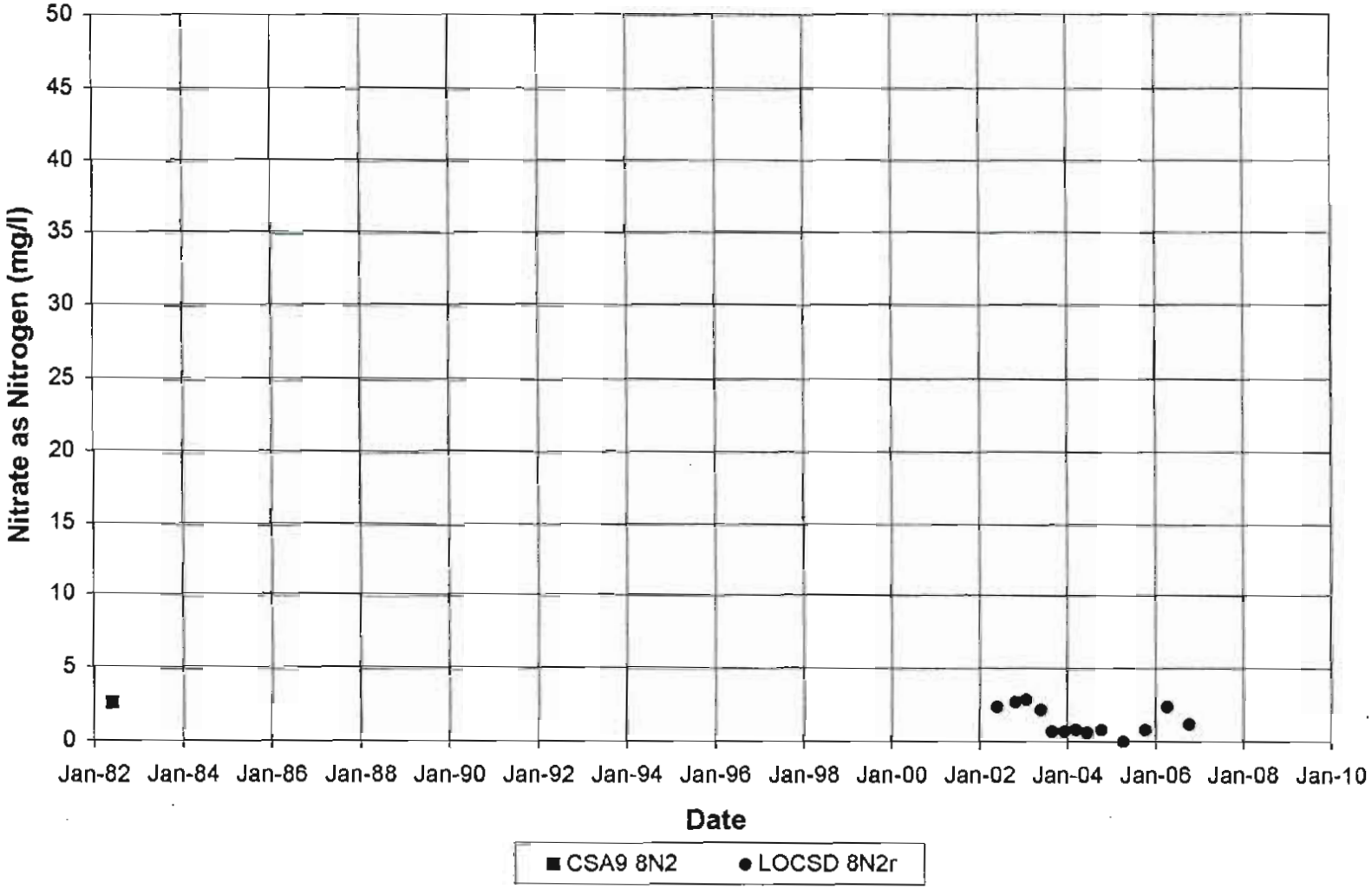
Graph 23
Well 30S/11E-8Ma
NO_3-N vs Time



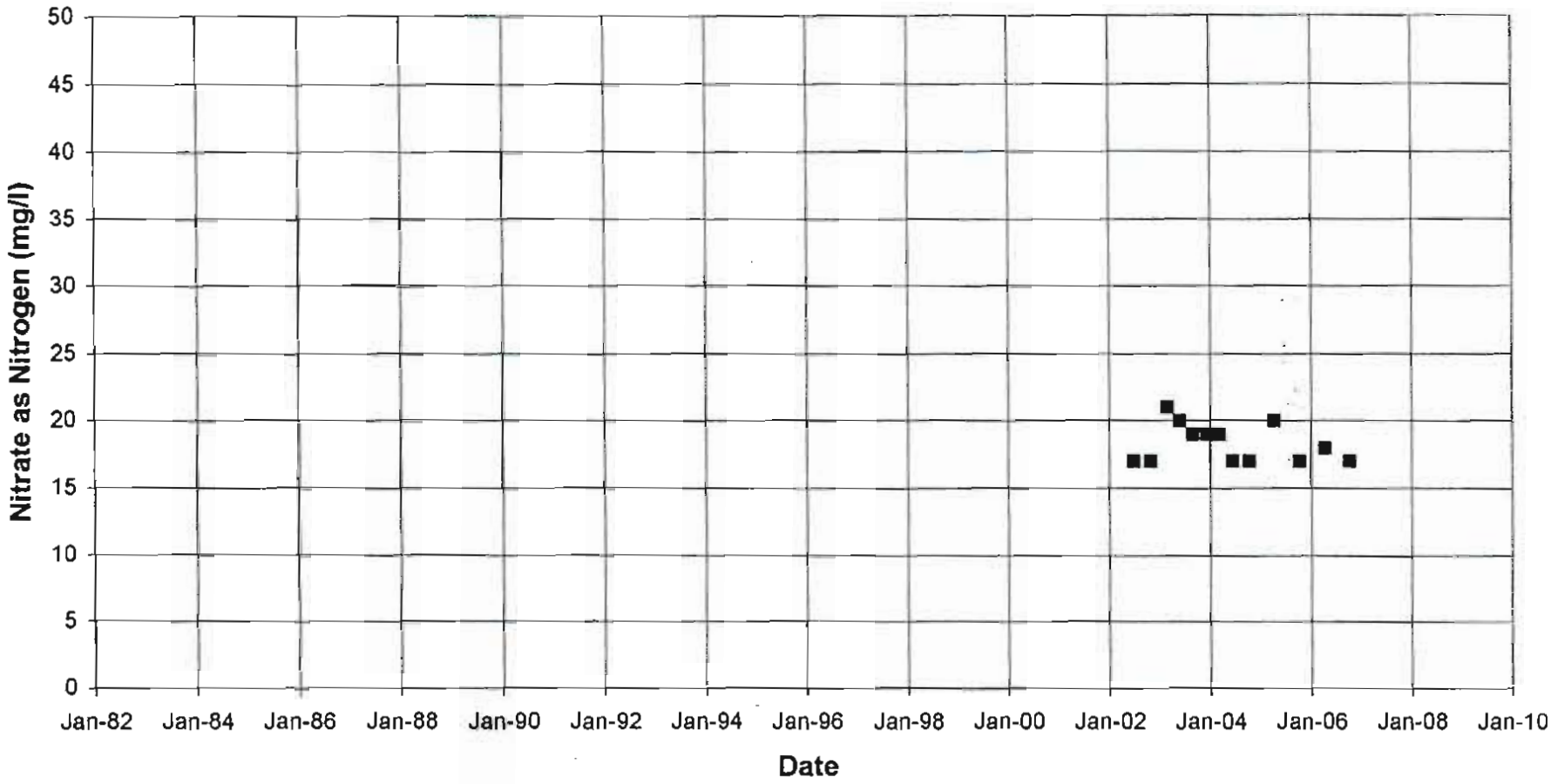
Graph 25
Well 30S/11E-8Mb
NO_3-N vs Time



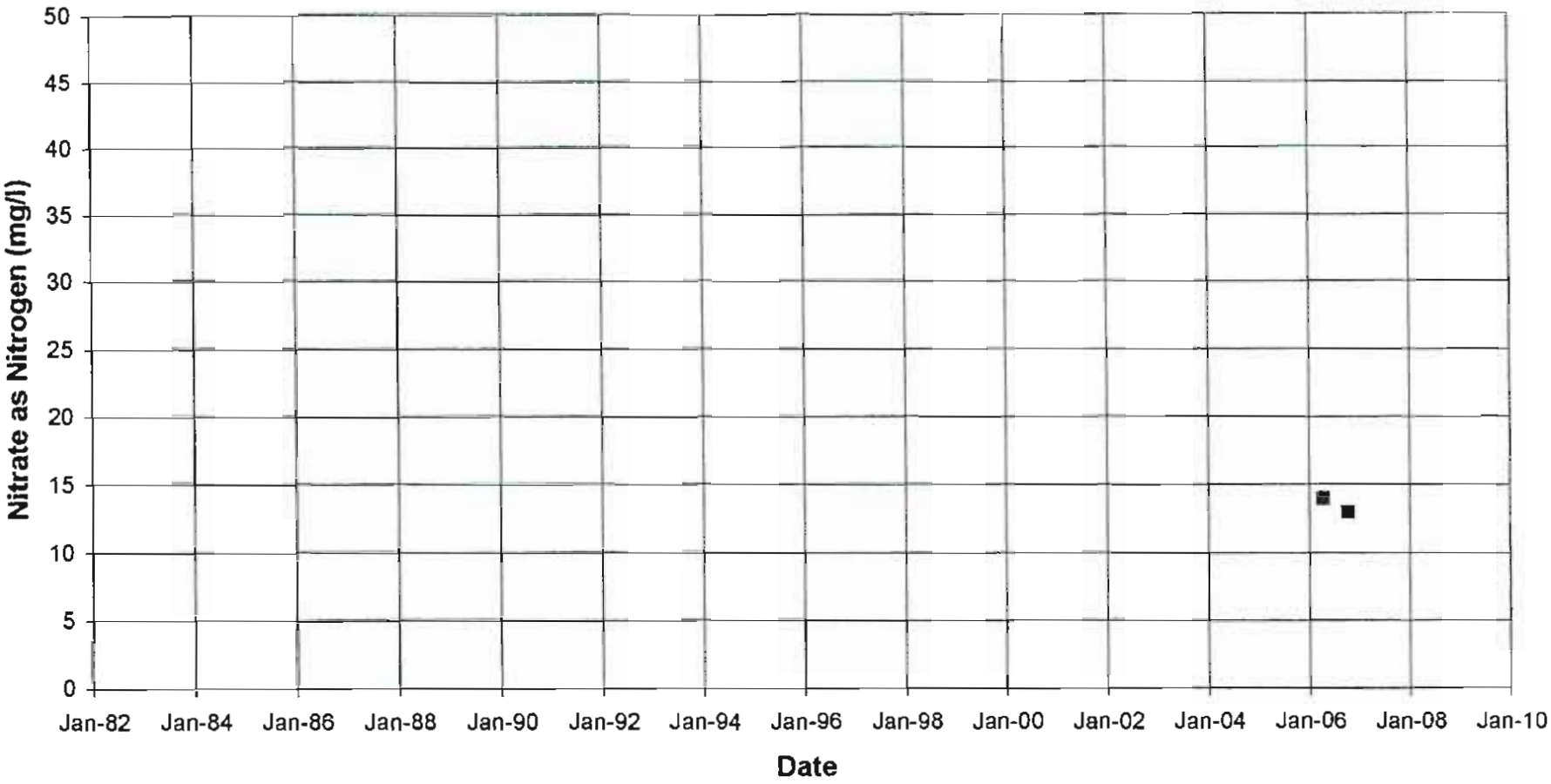
Graph 27
Well 30S/11E-8N2
NO_3-N vs Time



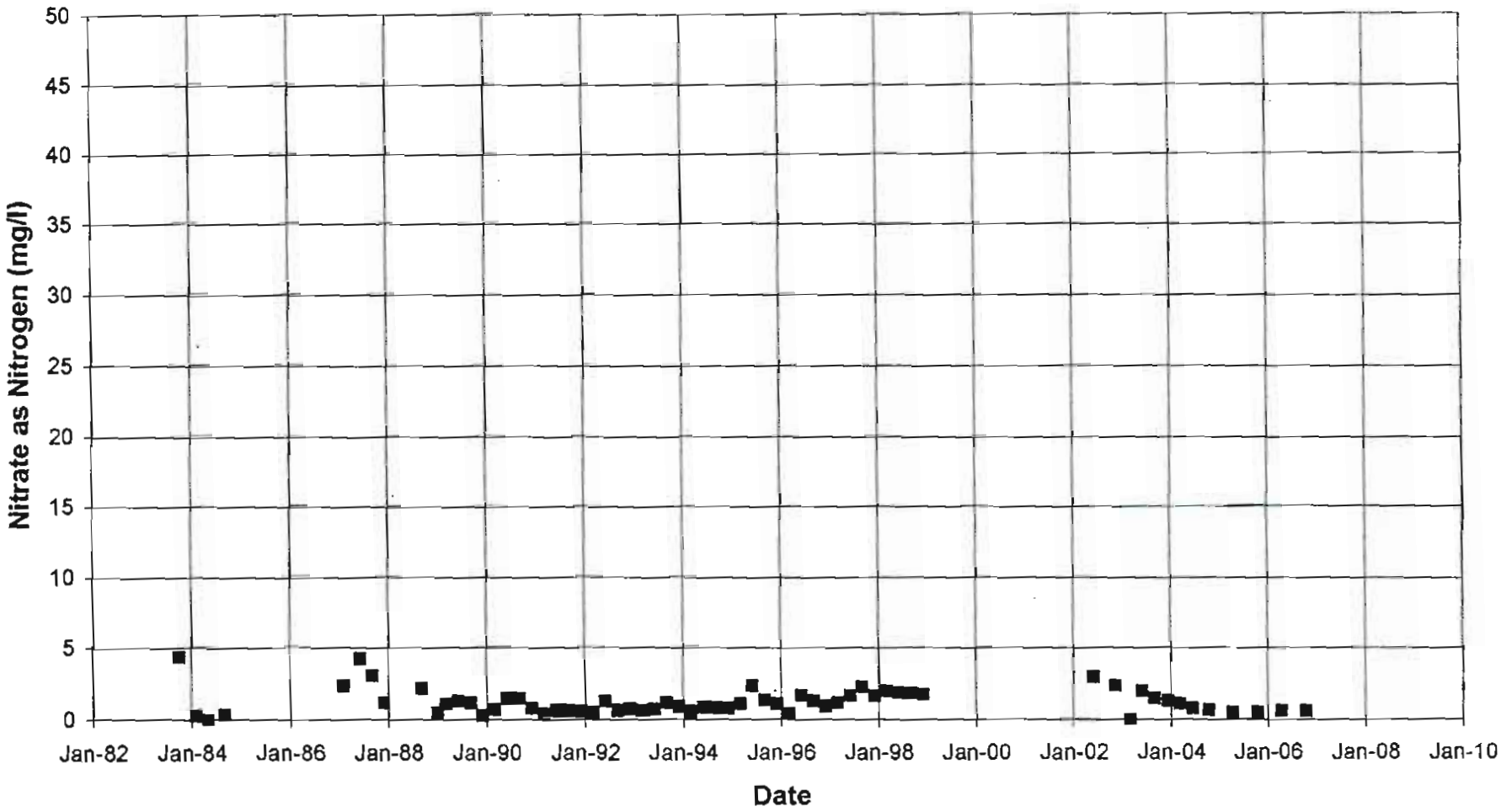
Graph 29
Well 30S/11E-17D
NO_3-N vs Time



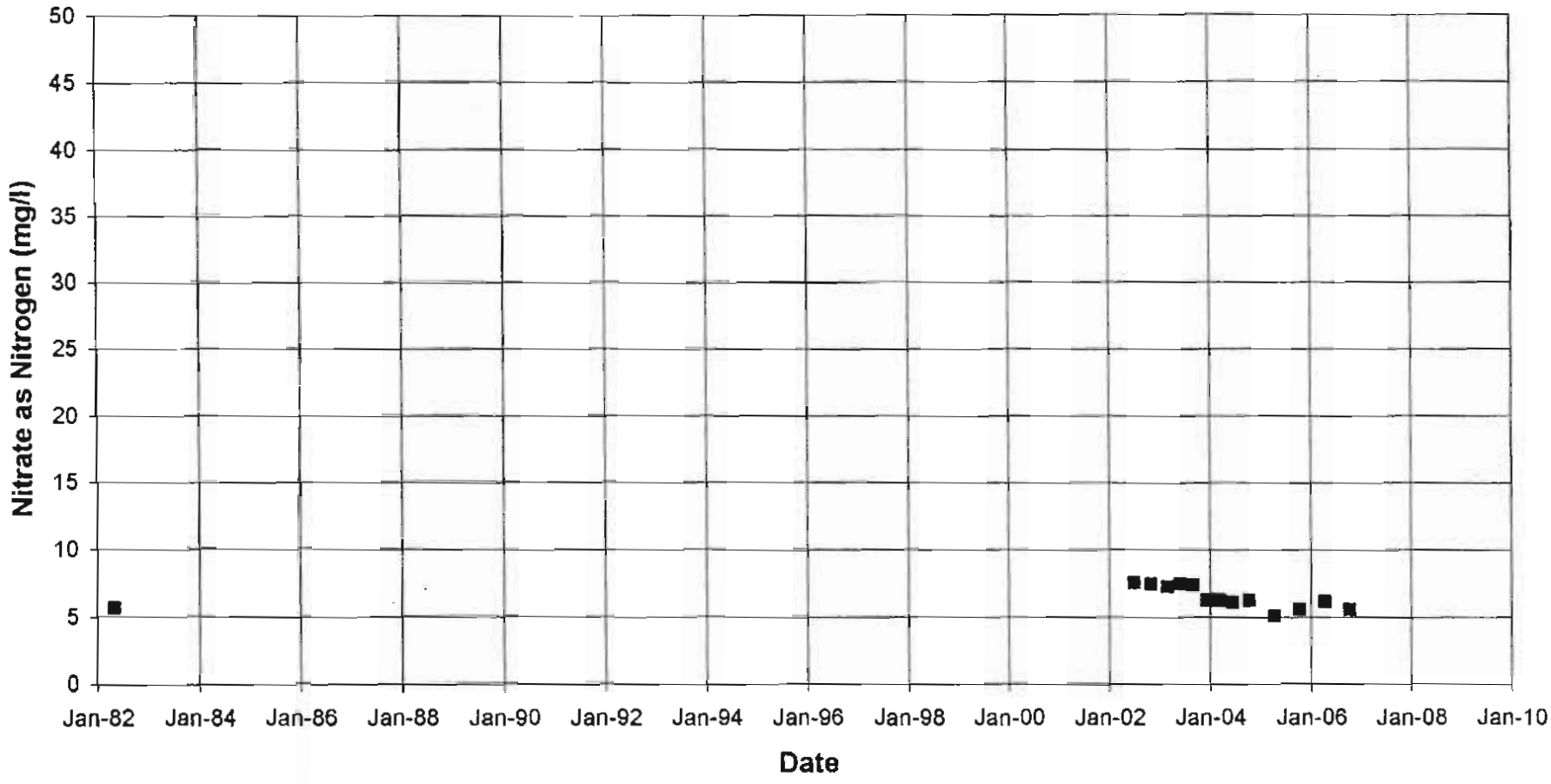
Graph 31
Well 30S/11E-17E9
NO_3-N vs Time



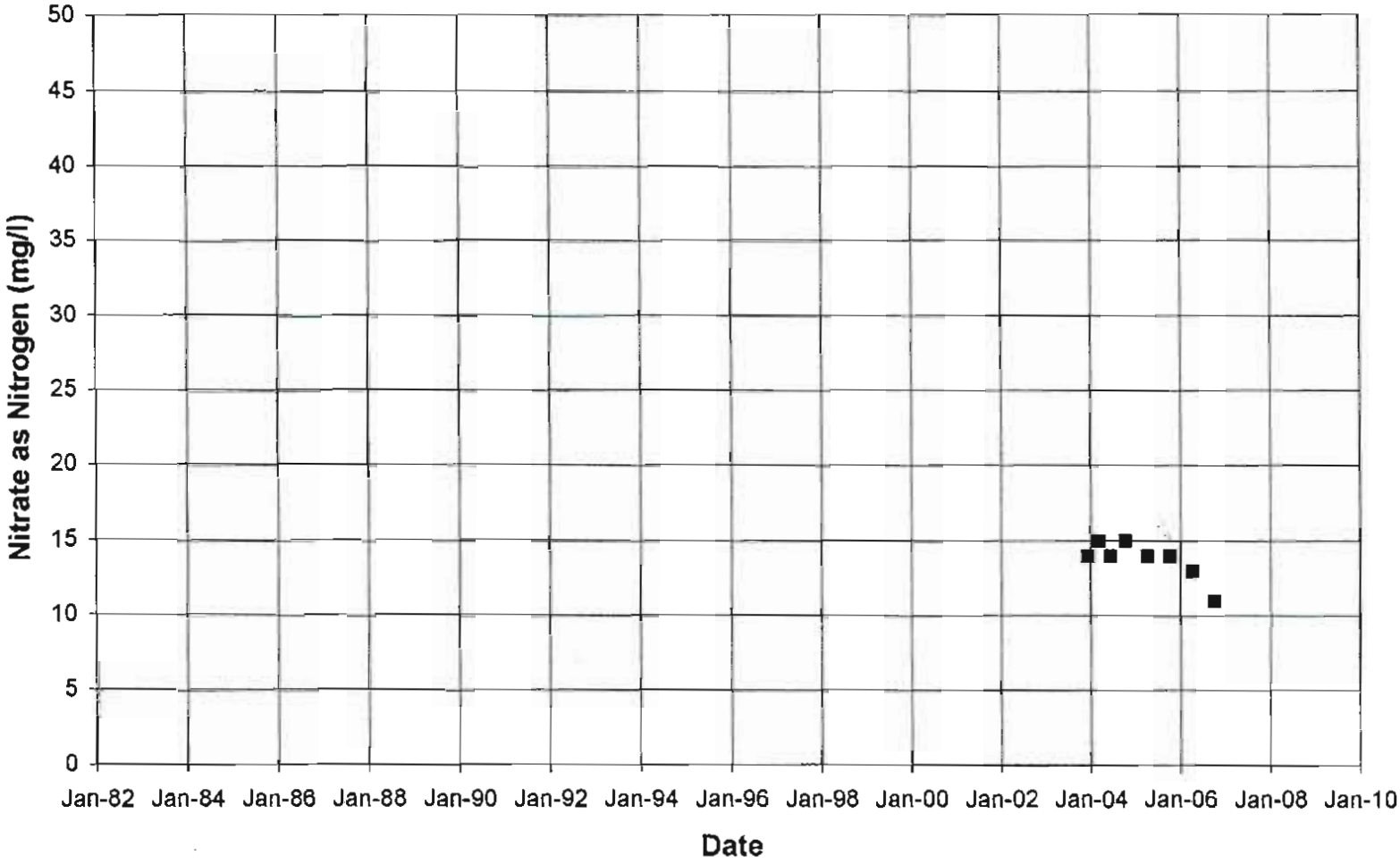
Graph 33
Well 30S/11E-17F4
NO_3-N vs Time



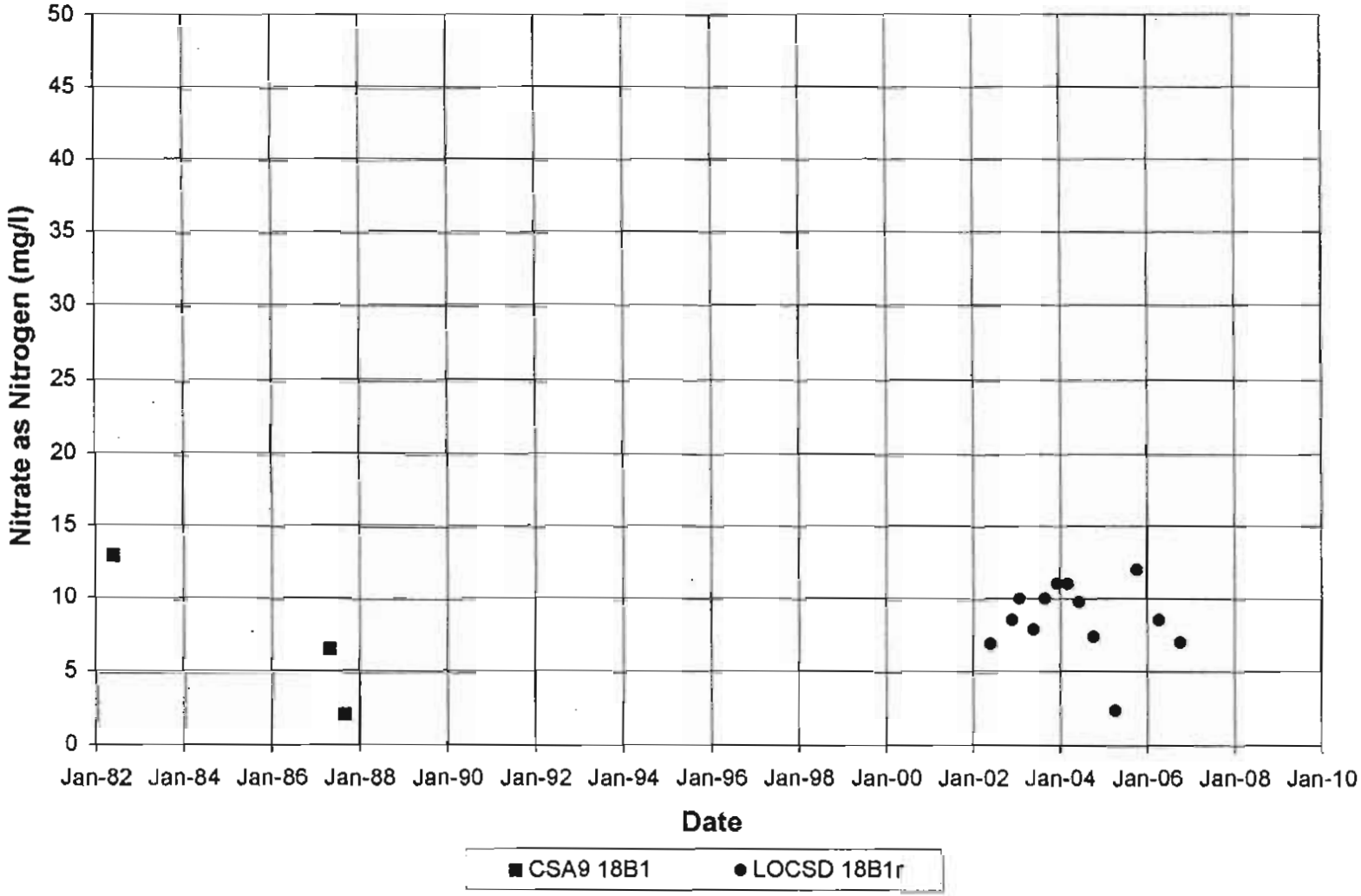
Graph 35
Well 30S/11E-17N4
NO_3-N vs Time

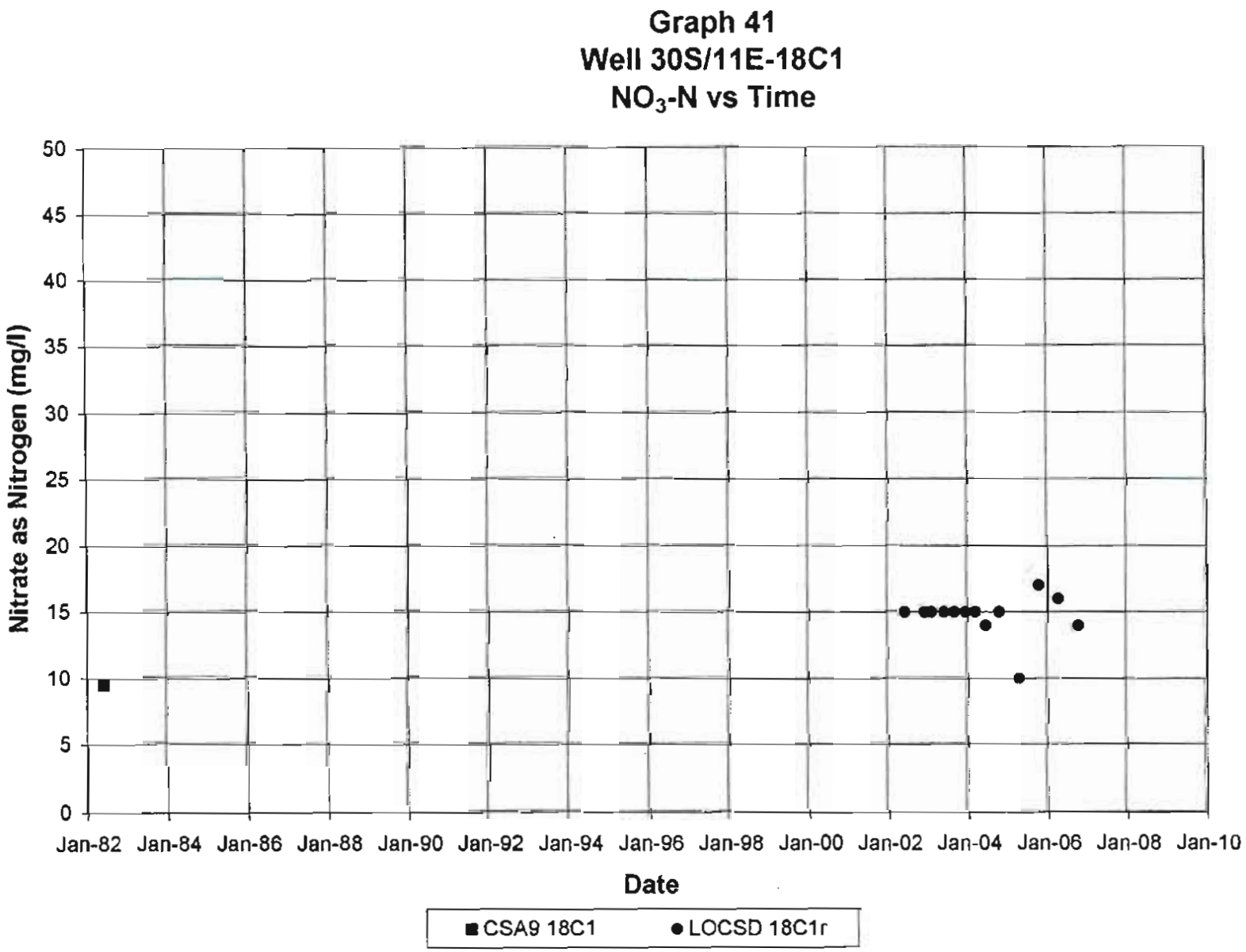


Graph 37
Well 30S/11E-18A
NO_3-N vs Time

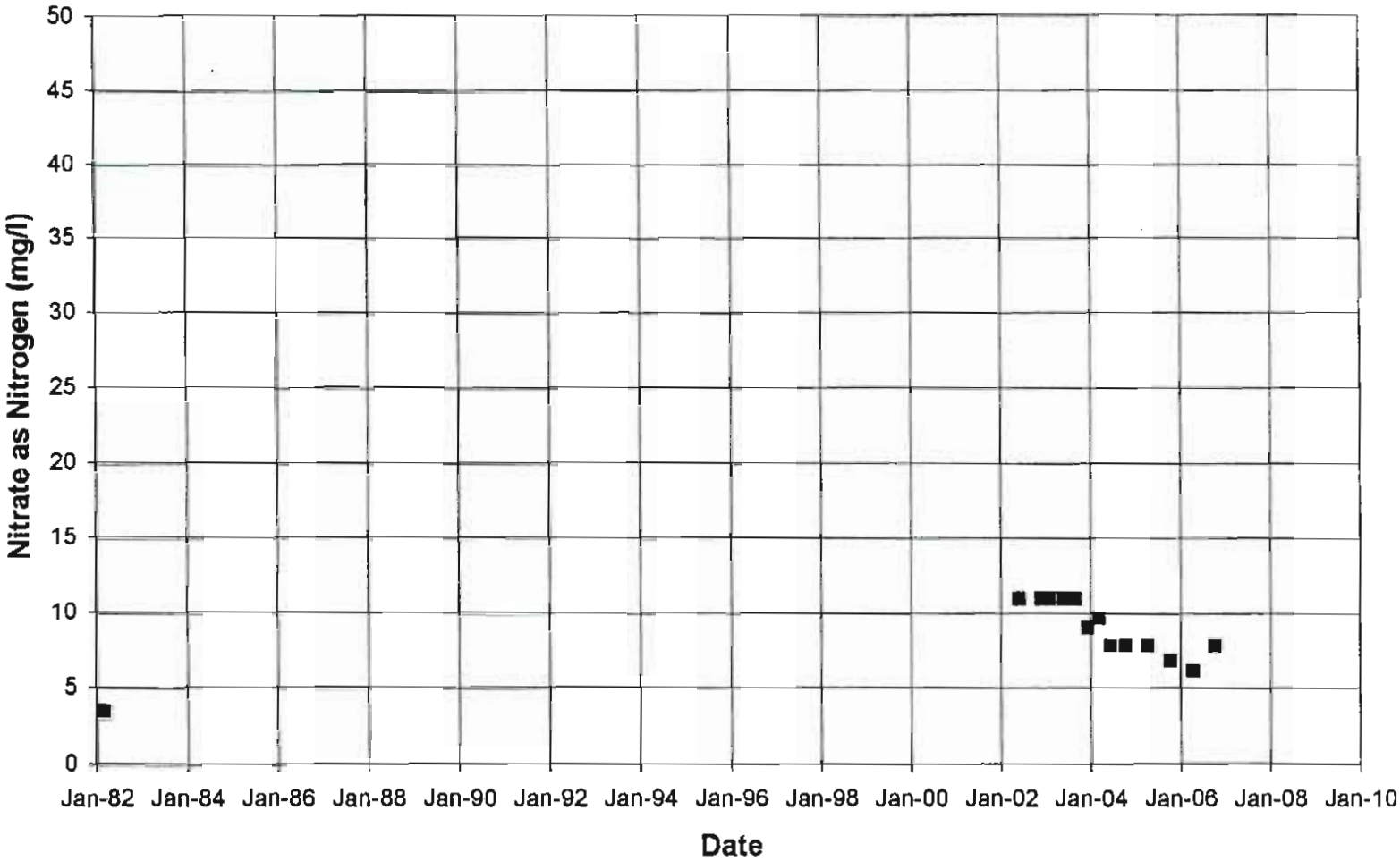


Graph 39
Well 30S/11E-18B1
NO_3-N vs Time

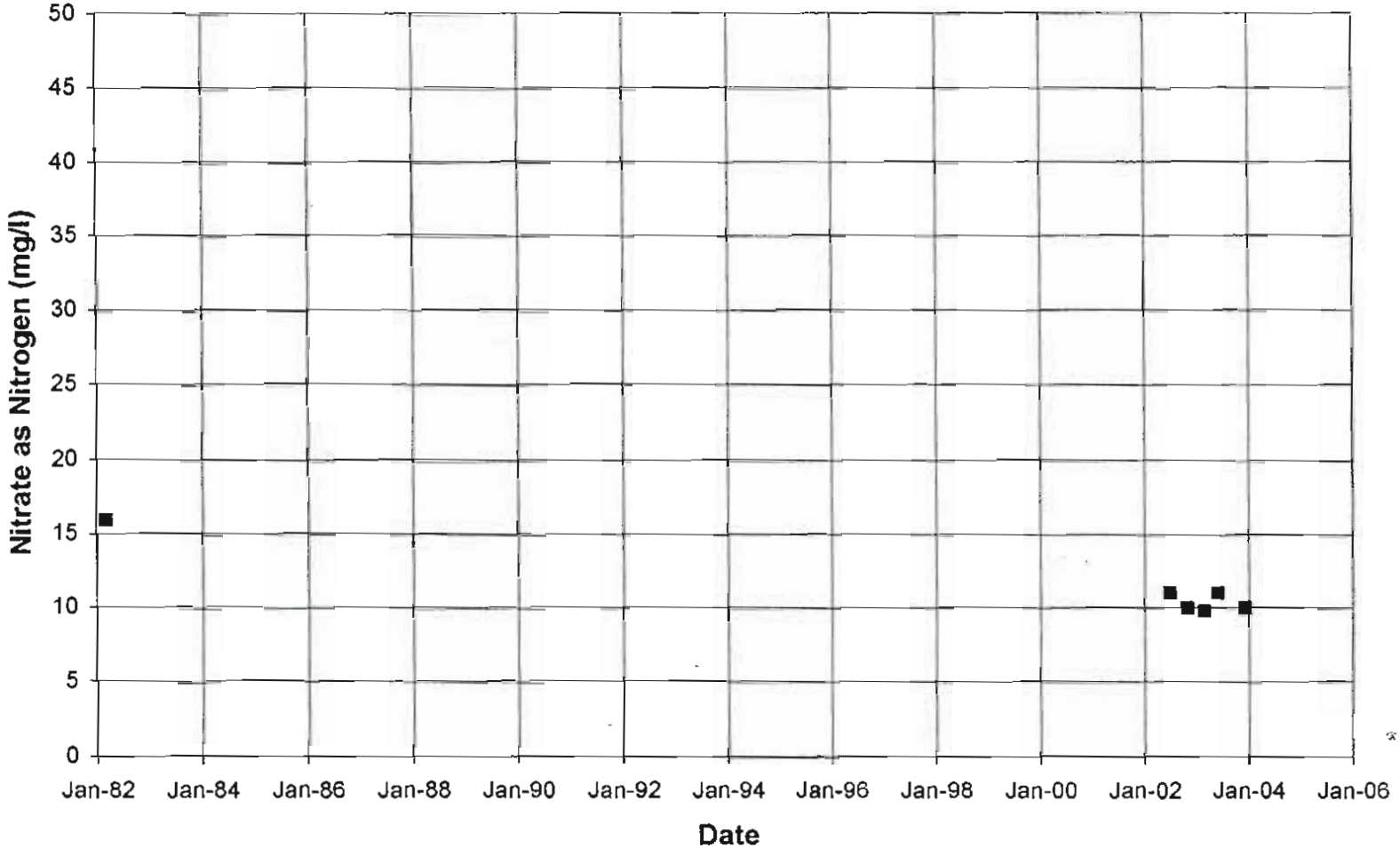



Graph 41
Well 30S/11E-18C1
NO3-N vs Time
Nitrate as Nitrogen (mg/l)
50
45
40
35
30
25
20
15
10
5
0
Jan-82
Jan-84
Jan-86
Jan-88
Jan-90
Jan-92
Jan-94
Jan-96
Jan-98
Jan-00
Jan-02
Jan-04
Jan-06
Jan-08
Jan-10
Date
CSA9 18C1
LOCSD 18C1r

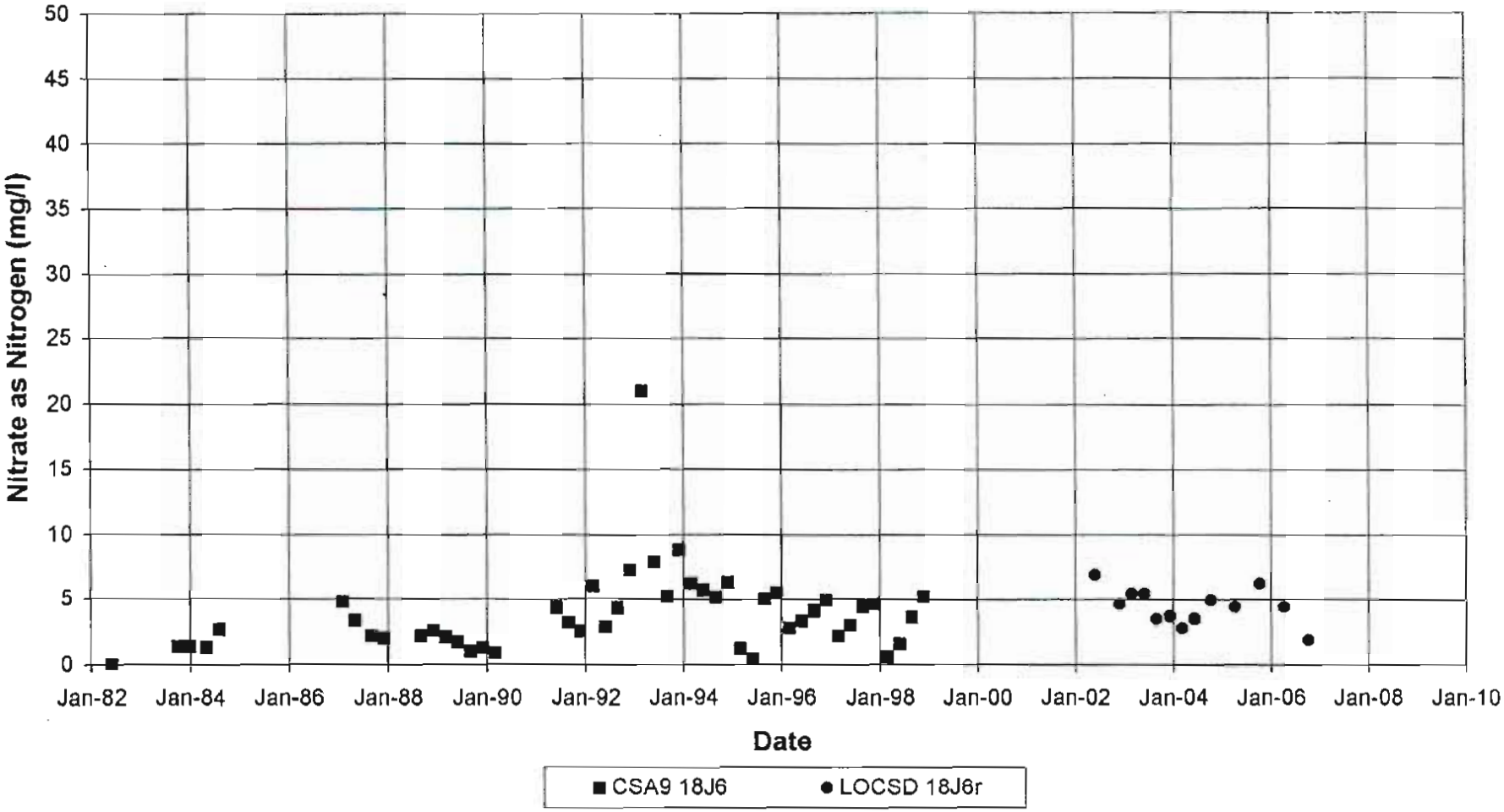
Graph 43
Well 30S/11E-18E1
NO_3-N vs Time



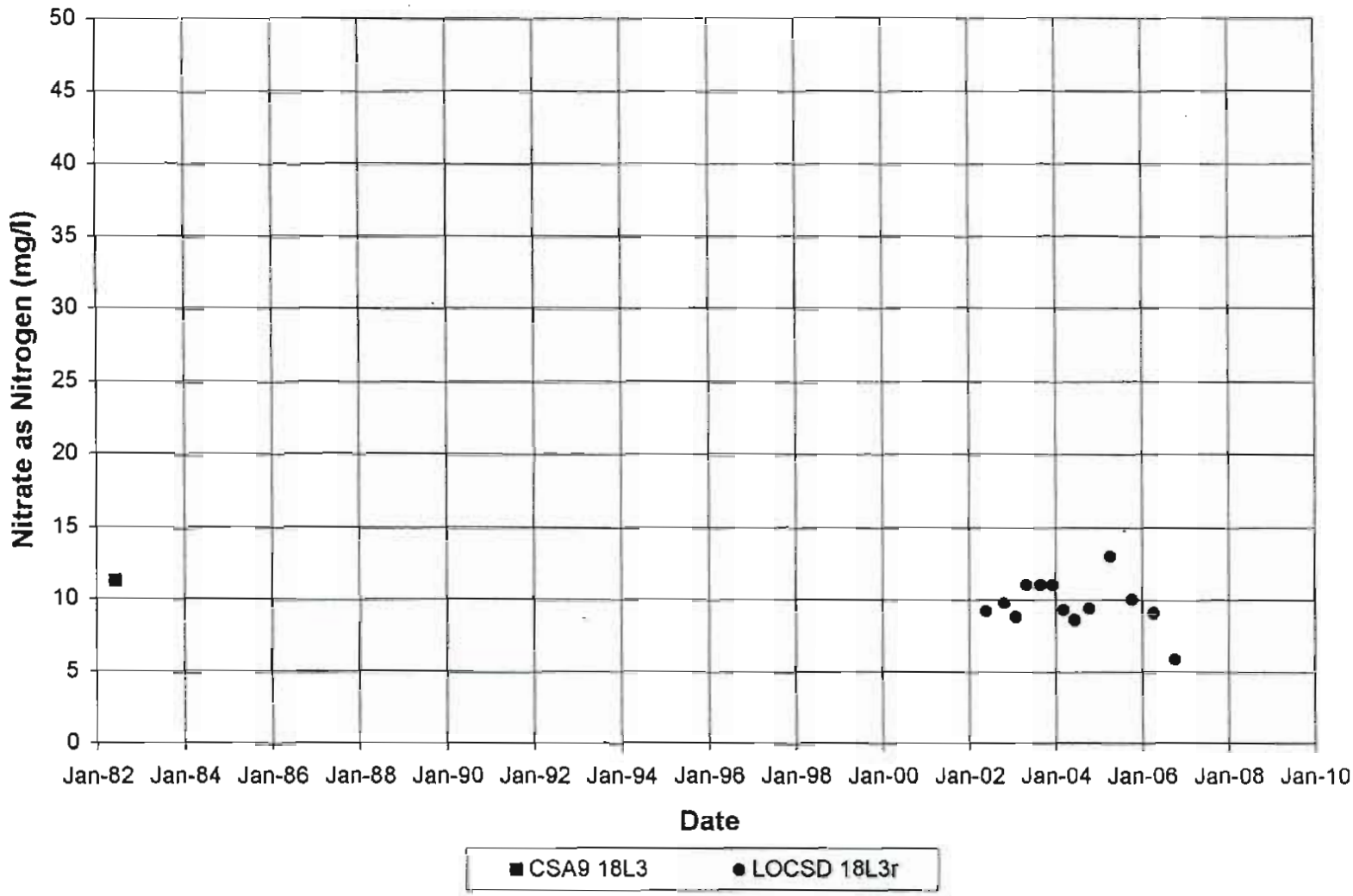
Graph 45
Well 30S/11E-18H3
NO_3-N vs Time



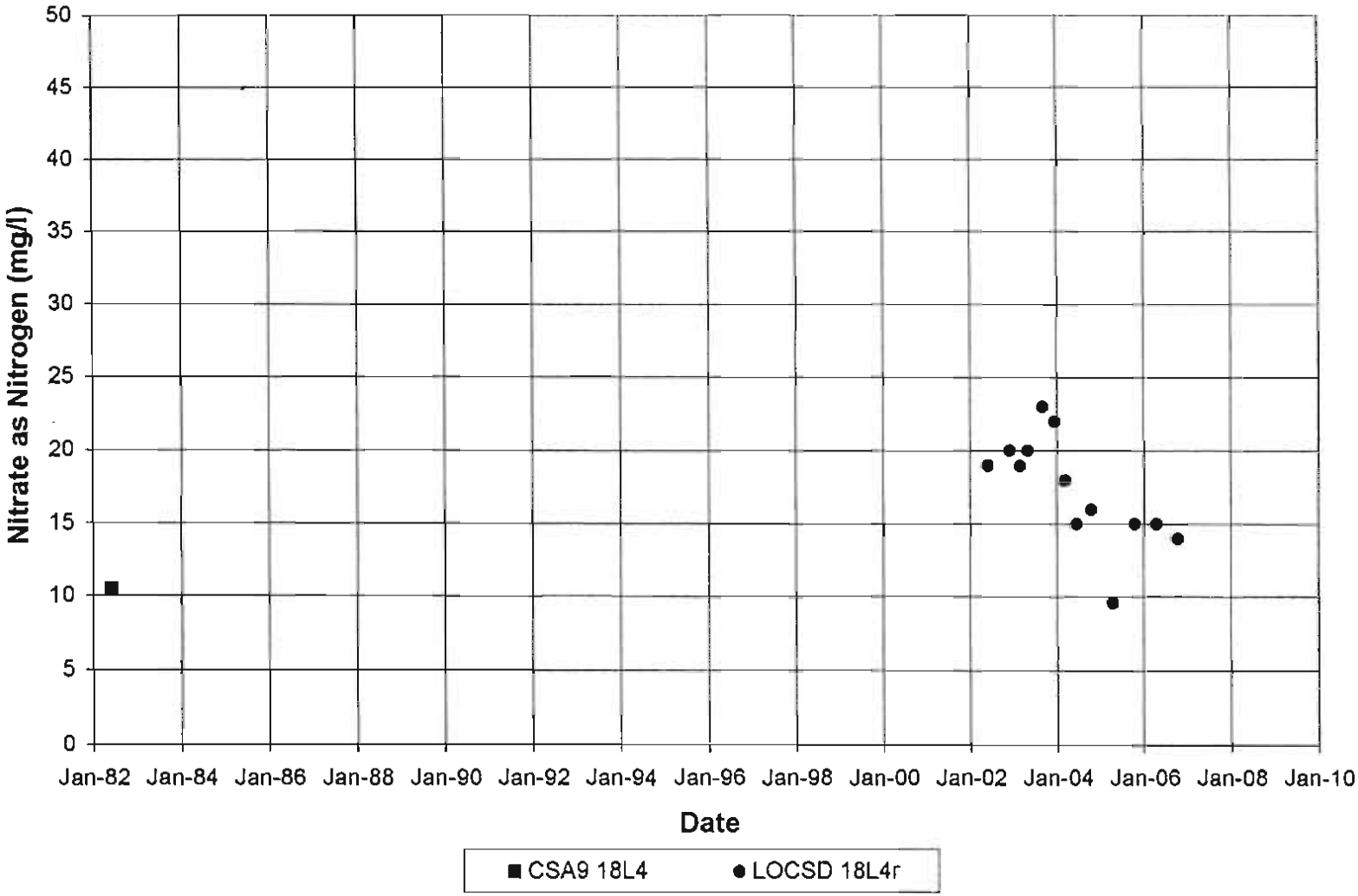
Graph 47
Well 30S/11E-18J6
NO_3-N vs Time



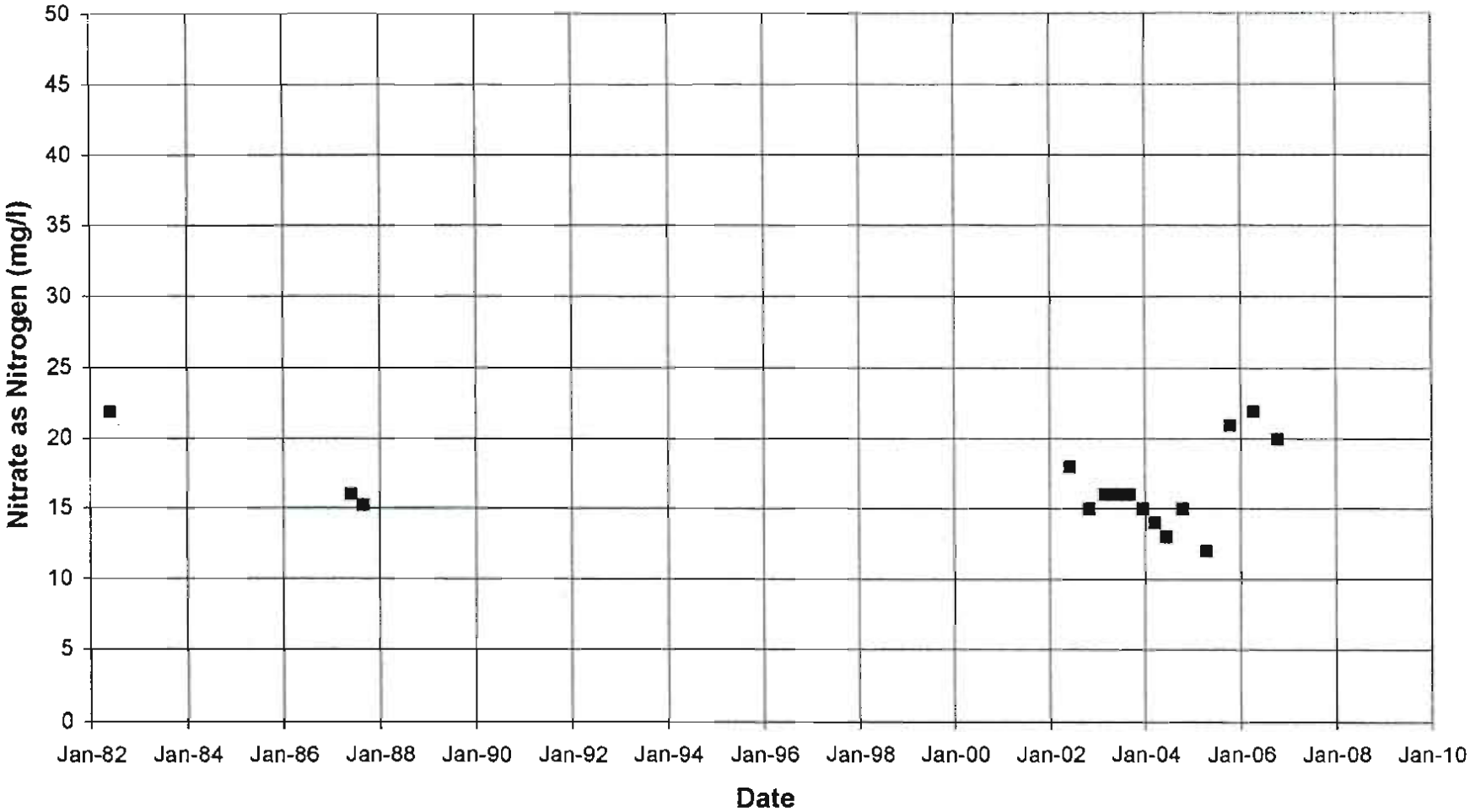
Graph 49
Well 30S/11E-18L3
NO_3-N vs Time



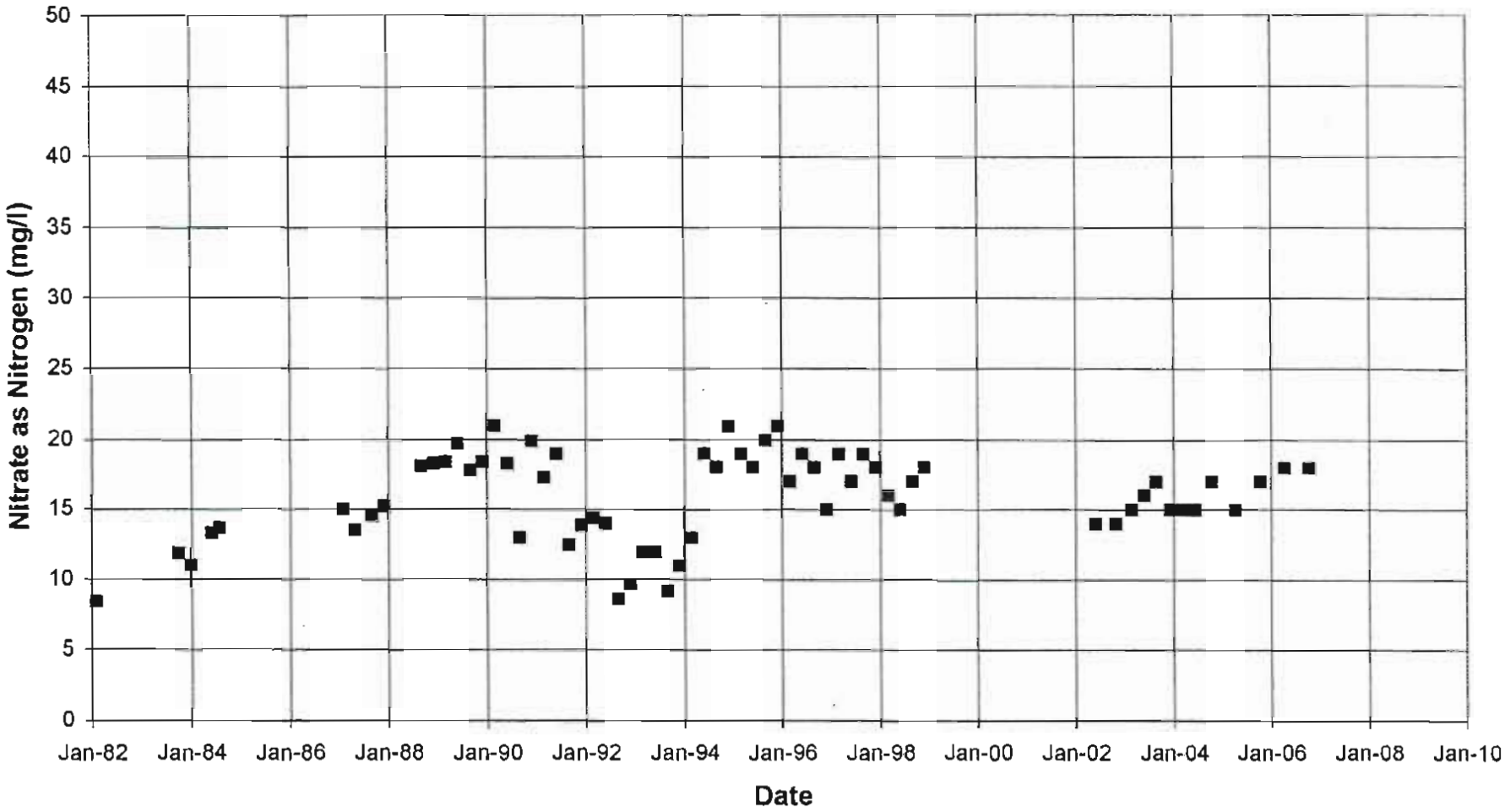
Graph 51
Well 30S/11E-18L4
NO_3-N vs Time



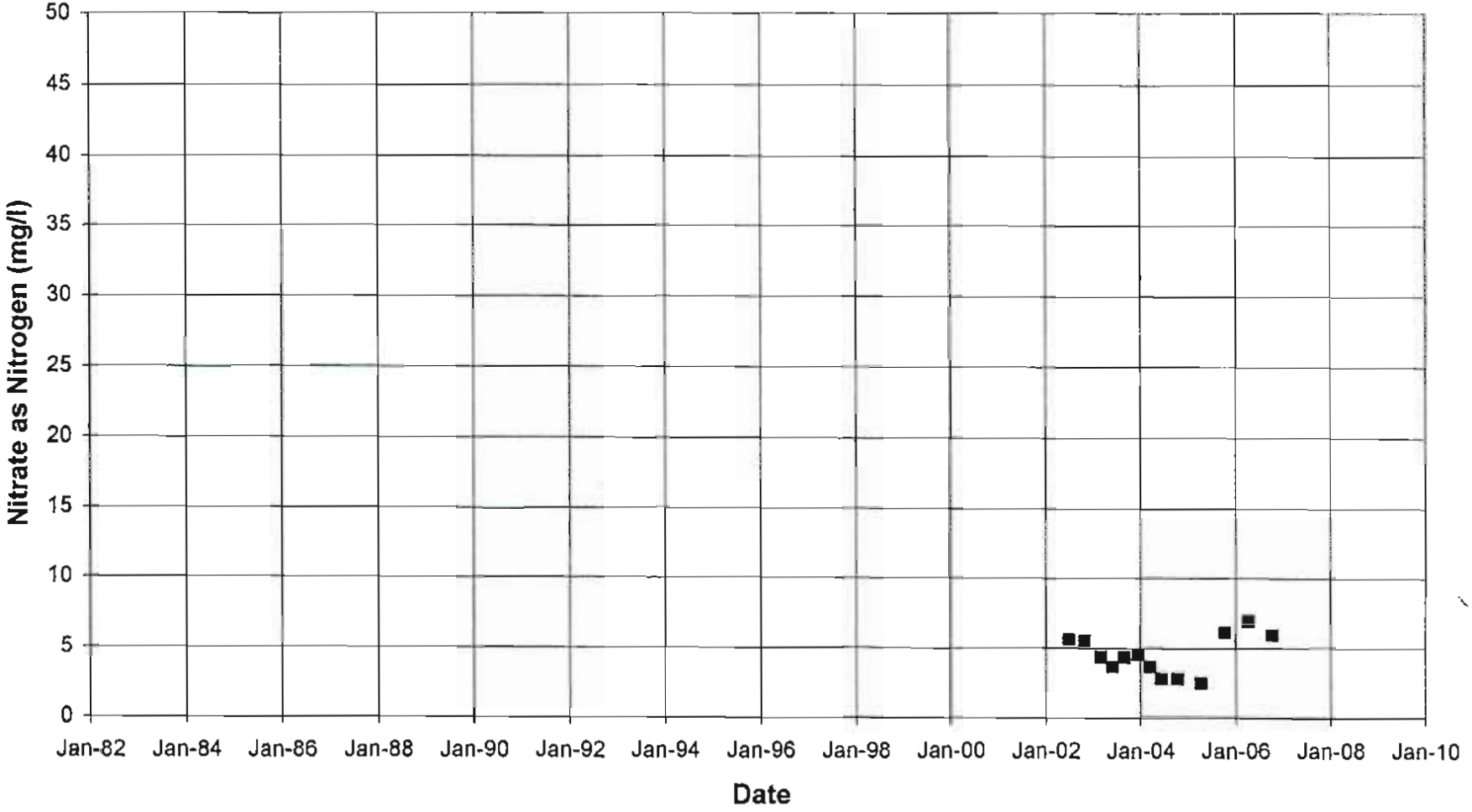
Graph 53
Well 30S/11E-18N1
NO_3-N vs Time



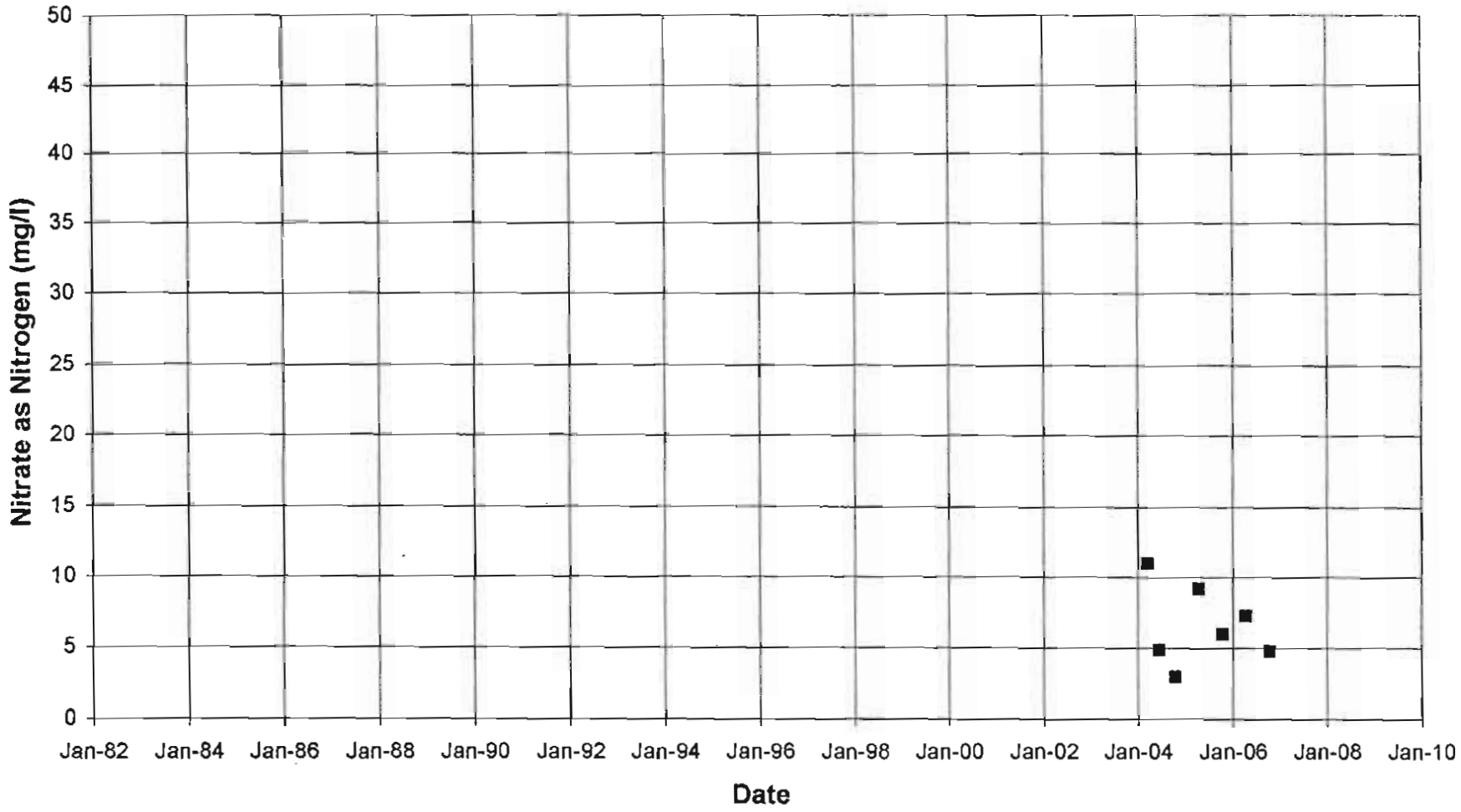
Graph 55
Well 30S/11E-18R1
NO_3-N vs Time



Graph 57
Well 30S/11E-20B
NO_3-N vs Time



Graph 59
Well 30S/11E-21D
NO_3-N vs Time



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JAN 30 2009
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DEPARTMENT OF PUBLIC WORKS

APPENDIX C

Laboratory Reports

Table 4
Purveyor Water Quality Results

Well ID	Date sampled	Temp ° C	pH - Field units	TDS mg/l	EC µmhos/cm	Ca mg/l	Mg mg/l	K mg/l	Na mg/l	HCO3 mg/l	SO4 mg/l	Cl mg/l	NO3-N mg/l	Supply Aquifer
LOCSD Wells														
30S/11E-7Q3 8th Street	May 2002	17.7	7.03	430	730	45	41		51	280	40	67	<0.4	lower
	Apr 2003												<0.4	
	Nov 2004			410	790	44	40	2.3	48	250	39	73	<0.4	
	May 2005	21.5	6.89	440	760	48	43		53	330	40	78	<0.1	
30S/11E-7N1 3rd Street	May 2002	17.2	6.74	170	260	14	8.7		22	88	7	31	<0.1	upper
	Apr 2003												2.4	
	Jan 2005			170	250	13	9.3	1.1	21	80	6.1	28	2.2	
30S/11E-17E11 South Bay	May 2002	20.3	6.8	310	520	33	32		32	240	16	35	1.6	mixed
	Apr 2003												1.4	
	May 2005	21.8	7.00	290	480	29	30		31	220	14	38	3.1	
30S/11E-18K9 10th Street	May 2002	19.5	6.86	320	550	31	32		39	250	26	37	0.94	mixed
	Apr 2003												0.96	
	May 2005	21.3	6.86	140	230	11	8		22	62	4.3	29	4.3	
30S/11E-18L2 Palisades	May 2002	18.8	6.83	390	680	47	40		40	260	33	61	0.4	lower
	Apr 2003												<0.4	
	Nov 2004			420	880	54	48	2.2	40	220	31	120	<0.4	
	Mar 2005												0.7	
	May 2005	22.6	6.78	510	860	57	53		42	290	32	130	0.42	

Table 4 (Continued)
Purveyor Water Quality Results

Well ID	Date sampled	Temp ° C	pH - Field units	TDS mg/l	EC µmhos/cm	Ca mg/l	Mg mg/l	K mg/l	Na mg/l	HCO3 mg/l	SO4 mg/l	Cl mg/l	NO3-N mg/l	Supply Aquifer
CCW Wells														
30S/10E-13F1* Skyline	Aug 2002	19.9	6.9	340	590	33	18	1.7	53	110	26	64	20	upper
	Jan 2003		6.8	300	640	27	19	1.5	53	110	28	67	19	
	April 2006			354	600	30.1	23	1.8	56.3	110	33	61	19	
30S/10E-24C1 Cabrillo	Jan 2000	20	7.18	297	595	31.1	20.8	1.6	52.8	97.5	18.4	112	2.7	lower
	Jan 2003		7.2	330	640	37	26	2.2	49	91	22	130	4.3	
	Dec 2004			310	610	22	19	1.6	50	64	19	110	4.5	
	Jan 2006					17	16	1.6	46			120	4.2	
30S/10E-13J1 Rosina	Aug 2001	19.4	7.4	310	570	47	23	1.5	31	130	14	110	1.4	lower
	May 2002			650								280		
	Feb 2003		7.1	250	480	41	18	2.6	25	87	11	98	1.7	
	Dec 2004			410	720	38	33	1.4	29	72	14	150	1.6	
	Feb 2006					33	29	1.6	28			120	1.6	
30S/10E-13L4 Pecho	Aug 2001	18.8	7.2	590	1200	89	55	1.6	51	130	18	290	1.7	lower
	May 2002			420								170		
	Jan 2003		7.4	640	1300	96	66	3.7	46	110	21	340	1.9	
	Dec 2004			590	1000	56	47	1.9	48	82	27	230	2.2	
	Jan 2006					70	65	2.2	61			330	2.2	
30S/11E-18K3 Los Olivos #3	Jan 2000		7.1	146	275	12.5	10.6	1	25.9	76.1	6.8	30.3	5.0	upper
	Jan 2003	20.1	7.0	190	340	20	18	2.4	20	75	9.6	39	10	
	Sep 2003												7.6	
	Jan 2006					12	9.9	1.1	26			32	6.6	
30S/11E-17N South Bay #1	Feb 2001	16.7	7.1	290	510	41	25	1.3	35	250	21	37	0.79	mixed
	Jan 2003		7.7	340	640	50	25	2.0	44	300	29	42	<0.4	
	Jan 2006					36	36	2.1	45			42	0.38	

*** Well 13F1 is inactive**

CREEK ENVIRONMENTAL LABORATORIES, INC.
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George Milanes
Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C13809
Order: N6314
Project: Nitrate monitoring program
Received: 10/18/06
Printed: 10/27/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/10E-13G	Asuncion	10/18/06@09:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
·bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		920
,arbonate Alkalinity as CaCO3	64	1	1	mg/L	SM 2320B	10/26/06		920
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		920
Total Alkalinity as CaCO3	64	2	1	mg/L	SM 2320B	10/26/06		920
Chloride	63	1	1	mg/L	EPA 300.0	10/19/06		900
Electrical Conductance	420	1	1	umhos/cm	SM 2510	10/20/06		909
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	10	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/19/06	10/19/06	900
Nitrate as N	10	0.1	1	mg/L	EPA 300.0	10/19/06		900
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/19/06		900
Sulfate	10	0.5	1	mg/L	EPA 300.0	10/19/06		900
Total Dissolved Solids	260	10	1	mg/L	EPA 160.1	10/24/06		921
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	913
Boron	0.06	0.05	1	mg/L	EPA 200.7	10/25/06		915
Calcium	18	0.03	1	mg/L	EPA 200.7	10/25/06		915
Potassium	0.9	0.1	1	mg/L	EPA 200.7	10/25/06		915
Magnesium	17	0.03	1	mg/L	EPA 200.7	10/25/06		915
Sodium	35	0.05	1	mg/L	EPA 200.7	10/25/06		915

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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RECEIVED
NOV 03 2006
BY:

George Milanes
Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C13851
Order: N6342
Project: Nitrate monitoring program
Received: 10/19/06
Printed: 10/30/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/10E-13H	Asuncion	10/19/06@10:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
·bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		925
carbonate Alkalinity as CaCO3	50	1	1	mg/L	SM 2320B	10/27/06		925
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		925
Total Alkalinity as CaCO3	50	2	1	mg/L	SM 2320B	10/27/06		925
Chloride	23	1	1	mg/L	EPA 300.0	10/20/06		907
Electrical Conductance	230	1	1	umhos/cm	SM 2510	10/20/06		909
Organic Nitrogen Value	1.0	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	3.6	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/26/06		920
Nitrate as N	2.6	0.1	1	mg/L	EPA 300.0	10/20/06		907
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/20/06		907
Sulfate	16	0.5	1	mg/L	EPA 300.0	10/20/06		907
Total Dissolved Solids	250	10	1	mg/L	EPA 160.1	10/24/06		927
Total Kjeldahl Nitrogen	1.0	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	913
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919
Calcium	20	0.03	1	mg/L	EPA 200.7	10/26/06		919
Potassium	2.1	0.1	1	mg/L	EPA 200.7	10/26/06		919
Magnesium	12	0.03	1	mg/L	EPA 200.7	10/26/06		919
Sodium	16	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Log Number: 06-C13893
Order: N6367
Project: Nitrate monitoring program
Received: 10/20/06
Printed: 10/31/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/10E-13L5	Asuncion	10/20/06@10:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/30/06		929
.carbonate Alkalinity as CaCO3	85	1	1	mg/L	SM 2320B	10/30/06		929
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/30/06		929
Total Alkalinity as CaCO3	85	2	1	mg/L	SM 2320B	10/30/06		929
Chloride	680	10	10	mg/L	EPA 300.0	10/23/06		911
Electrical Conductance	2,400	1	1	umhos/cm	SM 2510	10/31/06		930
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	11	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	0.7	0.3	1	mg/L	EPA 350.2	10/26/06		920
Nitrate as N	11	0.1	1	mg/L	EPA 300.0	10/20/06		907
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/20/06		907
Sulfate	59	0.5	1	mg/L	EPA 300.0	10/20/06		907
Total Dissolved Solids	1,400	10	1	mg/L	EPA 160.1	10/25/06		930
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	913
Boron	0.20	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919
Calcium	100	0.03	1	mg/L	EPA 200.7	10/26/06		919
Potassium	1.3	0.1	1	mg/L	EPA 200.7	10/26/06		919
Magnesium	110	0.03	1	mg/L	EPA 200.7	10/26/06		919
Sodium	170	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Log Number: 06-C14200
Order: N6518
Project: Nitrate monitoring program
Received: 10/27/06
Printed: 11/08/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/10E-13Q1	Asuncion	10/27/06@10:10	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/07/06		951
carbonate Alkalinity as CaCO3	65	1	1	mg/L	SM 2320B	11/07/06		951
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/07/06		951
Total Alkalinity as CaCO3	65	2	1	mg/L	SM 2320B	11/07/06		951
Chloride	140	10	10	mg/L	EPA 300.0	10/30/06		929
Electrical Conductance	820	1	1	umhos/cm	SM 2510	10/31/06		930
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	18	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	946
Nitrate as N	18	0.1	1	mg/L	EPA 300.0	10/27/06		926
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		926
Sulfate	26	0.5	1	mg/L	EPA 300.0	10/27/06		926
Total Dissolved Solids	450	10	1	mg/L	EPA 160.1	11/03/06		943
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/07/06	11/06/06	95'
Boron	0.10	0.05	1	mg/L	EPA 200.7	11/03/06		943
Calcium	33	0.03	1	mg/L	EPA 200.7	11/03/06		943
Potassium	1.5	0.1	1	mg/L	EPA 200.7	11/03/06		943
Magnesium	24	0.03	1	mg/L	EPA 200.7	11/03/06		943
Sodium	74	0.05	1	mg/L	EPA 200.7	11/03/06		943

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Log Number: 06-C14328
Order: N6582
Project: Nitrate monitoring program
Received: 10/31/06
Printed: 11/09/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/10E-24A	Asuncion	10/31/06@09:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/08/06		954
..carbonate Alkalinity as CaCO3	42	1	1	mg/L	SM 2320B	11/08/06		954
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/08/06		954
Total Alkalinity as CaCO3	42	2	1	mg/L	SM 2320B	11/08/06		954
Chloride	51	1	1	mg/L	EPA 300.0	11/01/06		937
Electrical Conductance	350	1	1	umhos/cm	SM 2510	11/02/06		941
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	11	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	946
Nitrate as N	11	0.1	1	mg/L	EPA 300.0	11/01/06		937
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	11/01/06		937
Sulfate	5.2	0.5	1	mg/L	EPA 300.0	11/01/06		937
Total Dissolved Solids	220	10	1	mg/L	EPA 160.1	11/06/06		948
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/08/06	11/07/06	954
Boron	0.11	0.05	1	mg/L	EPA 200.7	11/07/06		953
Calcium	13	0.03	1	mg/L	EPA 200.7	11/07/06		953
Potassium	1.1	0.1	1	mg/L	EPA 200.7	11/07/06		953
Magnesium	10	0.03	1	mg/L	EPA 200.7	11/07/06		953
Sodium	37	0.05	1	mg/L	EPA 200.7	11/07/06		953

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Log Number: 06-C14129
Order: N6487
Project: Nitrate monitoring program
Received: 10/26/06
Printed: 11/06/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-7K	Asuncion	10/26/06@10:20	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
..carbonate Alkalinity as CaCO3	140	1	1	mg/L	SM 2320B	11/06/06		945
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
Total Alkalinity as CaCO3	140	2	1	mg/L	SM 2320B	11/06/06		945
Chloride	77	1	1	mg/L	EPA 300.0	10/27/06		926
Electrical Conductance	650	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	11	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	945
Nitrate as N	11	0.1	1	mg/L	EPA 300.0	10/27/06		926
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		926
Sulfate	47	0.5	1	mg/L	EPA 300.0	10/27/06		926
Total Dissolved Solids	350	10	1	mg/L	EPA 160.1	11/02/06		944
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/03/06	11/02/06	943
Boron	0.11	0.05	1	mg/L	EPA 200.7	11/03/06		943
Calcium	26	0.03	1	mg/L	EPA 200.7	11/03/06		943
Potassium	1.3	0.1	1	mg/L	EPA 200.7	11/03/06		943
Magnesium	25	0.03	1	mg/L	EPA 200.7	11/03/06		943
Sodium	46	0.05	1	mg/L	EPA 200.7	11/03/06		943

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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RECEIVED NOV 08 2006 BY:

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Log Number: 06-C13983
Order: N6417
Project: Nitrate monitoring program
Received: 10/24/06
Printed: 11/02/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-7L3	Asuncion	10/24/06@09:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
carbonate Alkalinity as CaCO3	140	1	1	mg/L	SM 2320B	10/31/06		934
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
Total Alkalinity as CaCO3	140	2	1	mg/L	SM 2320B	10/31/06		934
Chloride	120	10	10	mg/L	EPA 300.0	10/25/06		918
Electrical Conductance	930	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	23	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	23	0.1	1	mg/L	EPA 300.0	10/25/06		918
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/25/06		918
Sulfate	67	0.5	1	mg/L	EPA 300.0	10/25/06		918
Total Dissolved Solids	550	10	1	mg/L	EPA 160.1	10/27/06		934
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/27/06	10/27/06	927
Boron	0.24	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	35	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	2.3	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	30	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	110	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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BY:

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Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C13808
Order: N6314
Project: Nitrate monitoring program
Received: 10/18/06
Printed: 10/27/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S-11E-7N1	Asuncion	10/18/06@08:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Bicarbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		920
Carbonate Alkalinity as CaCO3	60	1	1	mg/L	SM 2320B	10/26/06		920
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		920
Total Alkalinity as CaCO3	60	2	1	mg/L	SM 2320B	10/26/06		920
Chloride	31	1	1	mg/L	EPA 300.0	10/19/06		900
Electrical Conductance	250	1	1	umhos/cm	SM 2510	10/20/06		909
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	2.9	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/19/06	10/19/06	900
Nitrate as N	2.9	0.1	1	mg/L	EPA 300.0	10/19/06		900
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/19/06		900
Sulfate	6.2	0.5	1	mg/L	EPA 300.0	10/19/06		900
Total Dissolved Solids	150	10	1	mg/L	EPA 160.1	10/24/06		921
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/23/06	10/23/06	909
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	10/25/06		915
Calcium	13	0.03	1	mg/L	EPA 200.7	10/25/06		915
Potassium	0.9	0.1	1	mg/L	EPA 200.7	10/25/06		915
Magnesium	9.7	0.03	1	mg/L	EPA 200.7	10/25/06		915
Sodium	21	0.05	1	mg/L	EPA 200.7	10/25/06		915

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Log Number: 06-C13810
Order: N6314
Project: Nitrate monitoring program
Received: 10/18/06
Printed: 10/27/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-7Q1	Asuncion	10/18/06@11:31	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
·bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		92C
carbonate Alkalinity as CaCO3	85	1	1	mg/L	SM 2320B	10/26/06		92C
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/26/06		92C
Total Alkalinity as CaCO3	85	2	1	mg/L	SM 2320B	10/26/06		92C
Chloride	100	10	10	mg/L	EPA 300.0	10/19/06		90C
Electrical Conductance	740	1	1	umhos/cm	SM 2510	10/20/06		909
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	21	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	1.5	0.3	1	mg/L	EPA 350.2	10/19/06	10/19/06	90C
Nitrate as N	21	0.1	1	mg/L	EPA 300.0	10/19/06		90C
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/19/06		90C
Sulfate	44	0.5	1	mg/L	EPA 300.0	10/19/06		90C
Total Dissolved Solids	430	10	1	mg/L	EPA 160.1	10/24/06		92'
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	913
Boron	0.18	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919
Calcium	32	0.03	1	mg/L	EPA 200.7	10/26/06		919
Potassium	4.5	0.1	1	mg/L	EPA 200.7	10/26/06		919
Magnesium	25	0.03	1	mg/L	EPA 200.7	10/26/06		919
Sodium	65	0.05	1	mg/L	EPA 200.7	10/26/06		919

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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BY:

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PO Box 6064
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Log Number: 06-C14080
Order: N6465
Project: Nitrate monitoring program
Received: 10/25/06
Printed: 11/14/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-8Ma	Asuncion	10/25/06@11:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
rbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		9416
carbonate Alkalinity as CaCO3	100	1	1	mg/L	SM 2320B	11/02/06		9416
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		9416
Total Alkalinity as CaCO3	100	2	1	mg/L	SM 2320B	11/02/06		9416
Chloride	180	10	10	mg/L	EPA 300.0	10/26/06		9209
Electrical Conductance	830	1	1	umhos/cm	SM 2510	10/25/06		9211
Organic Nitrogen Value	2.1	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	6.3	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	9291
Nitrate as N	4.2	0.1	1	mg/L	EPA 300.0	10/26/06		9209
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/26/06		9209
Sulfate	20	0.5	1	mg/L	EPA 300.0	10/26/06		9209
Total Dissolved Solids	440	10	1	mg/L	EPA 160.1	10/30/06		9350
Total Kjeldahl Nitrogen	2.1	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	9378
Boron	0.86	0.05	1	mg/L	EPA 200.7	11/01/06		9383
Calcium	130	0.03	1	mg/L	EPA 200.7	11/01/06		9384
Potassium	17	0.1	1	mg/L	EPA 200.7	11/01/06		9384
Magnesium	140	0.03	1	mg/L	EPA 200.7	11/01/06		9384
Sodium	44	0.05	1	mg/L	EPA 200.7	11/01/06		9383

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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George Milanes
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Log Number: 06-C14081
Order: N6465
Project: Nitrate monitoring program
Received: 10/25/06
Printed: 11/14/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-8Mb	Asuncion	10/25/06@10:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batcl
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		941
.carbonate Alkalinity as CaCO3	150	1	1	mg/L	SM 2320B	11/02/06		941
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		941
Total Alkalinity as CaCO3	150	2	1	mg/L	SM 2320B	11/02/06		941
Chloride	83	1	1	mg/L	EPA 300.0	10/26/06		920
Electrical Conductance	720	1	1	umhos/cm	SM 2510	10/25/06		921
Organic Nitrogen Value	1.0	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	19	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	18	0.1	1	mg/L	EPA 300.0	10/26/06		920
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/26/06		920
Sulfate	36	0.5	1	mg/L	EPA 300.0	10/26/06		920
Total Dissolved Solids	450	10	1	mg/L	EPA 160.1	10/30/06		935
Total Kjeldahl Nitrogen	1.0	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	937
Boron	0.79	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	87	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	14	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	110	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	59	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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George Milanes
Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C14198
Order: N6518
Project: Nitrate monitoring program
Received: 10/27/06
Printed: 11/08/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-8N2	Asuncion	10/27/06@11:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/07/06		951
:arbonate Alkalinity as CaCO3	25	1	1	mg/L	SM 2320B	11/07/06		951
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/07/06		951
Total Alkalinity as CaCO3	25	2	1	mg/L	SM 2320B	11/07/06		951
Chloride	8.3	1	1	mg/L	EPA 300.0	10/27/06		926
Electrical Conductance	100	1	1	umhos/cm	SM 2510	10/31/06		930
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	1.2	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	946
Nitrate as N	1.2	0.1	1	mg/L	EPA 300.0	10/27/06		926
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		926
Sulfate	4.7	0.5	1	mg/L	EPA 300.0	10/27/06		926
Total Dissolved Solids	57	10	1	mg/L	EPA 160.1	11/03/06		947
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/07/06	11/06/06	951
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	11/03/06		943
Calcium	4.6	0.03	1	mg/L	EPA 200.7	11/03/06		943
Potassium	0.82	0.1	1	mg/L	EPA 200.7	11/03/06		943
Magnesium	4.3	0.03	1	mg/L	EPA 200.7	11/03/06		943
Sodium	8.2	0.05	1	mg/L	EPA 200.7	11/03/06		943

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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BY:

George Milanes
Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C13986
Order: N6417
Project: Nitrate monitoring program
Received: 10/24/06
Printed: 11/02/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-17D	Asuncion	10/24/06@13:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
rbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
carbonate Alkalinity as CaCO3	72	1	1	mg/L	SM 2320B	10/31/06		934
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
Total Alkalinity as CaCO3	72	2	1	mg/L	SM 2320B	10/31/06		934
Chloride	60	1	1	mg/L	EPA 300.0	10/25/06		918
Electrical Conductance	520	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	17	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	17	0.1	1	mg/L	EPA 300.0	10/25/06		918
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/25/06		918
Sulfate	24	0.5	1	mg/L	EPA 300.0	10/25/06		918
Total Dissolved Solids	280	10	1	mg/L	EPA 160.1	10/27/06		934
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/27/06	10/27/06	927
Boron	0.14	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	19	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	1.4	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	16	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	54	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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BY:

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Log Number: 06-C14329
Order: N6582
Project: Nitrate monitoring program
Received: 10/31/06
Printed: 11/09/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-17E9	Asuncion	10/31/06@10:55	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/08/06		954
carbonate Alkalinity as CaCO3	100	1	1	mg/L	SM 2320B	11/08/06		954
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/08/06		954
Total Alkalinity as CaCO3	100	2	1	mg/L	SM 2320B	11/08/06		954
Chloride	70	1	1	mg/L	EPA 300.0	11/01/06		937
Electrical Conductance	540	1	1	umhos/cm	SM 2510	11/02/06		941
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	13	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	946
Nitrate as N	13	0.1	1	mg/L	EPA 300.0	11/01/06		937
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	11/01/06		937
Sulfate	17	0.5	1	mg/L	EPA 300.0	11/01/06		937
Total Dissolved Solids	330	10	1	mg/L	EPA 160.1	11/06/06		948
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/08/06	11/07/06	954
Boron	0.09	0.05	1	mg/L	EPA 200.7	11/07/06		953
Calcium	29	0.03	1	mg/L	EPA 200.7	11/07/06		953
Potassium	1.4	0.1	1	mg/L	EPA 200.7	11/07/06		953
Magnesium	25	0.03	1	mg/L	EPA 200.7	11/07/06		953
Sodium	40	0.05	1	mg/L	EPA 200.7	11/07/06		953

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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BY:

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Log Number: 06-C14130
Order: N6487
Project: Nitrate monitoring program
Received: 10/26/06
Printed: 11/06/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-17F4	Asuncion	10/26/06@10:45	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		9456
:arbonate Alkalinity as CaCO3	140	1	1	mg/L	SM 2320B	11/06/06		9456
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		9456
Total Alkalinity as CaCO3	140	2	1	mg/L	SM 2320B	11/06/06		9456
Chloride	92	1	1	mg/L	EPA 300.0	10/27/06		9268
Electrical Conductance	570	1	1	umhos/cm	SM 2510	10/26/06		9212
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	0.6	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	9453
Nitrate as N	0.6	0.1	1	mg/L	EPA 300.0	10/27/06		9268
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		9268
Sulfate	13	0.5	1	mg/L	EPA 300.0	10/27/06		9268
Total Dissolved Solids	310	10	1	mg/L	EPA 160.1	11/02/06		9447
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/03/06	11/02/06	9435
Boron	0.06	0.05	1	mg/L	EPA 200.7	11/03/06		9433
Calcium	26	0.03	1	mg/L	EPA 200.7	11/03/06		9433
Potassium	0.63	0.1	1	mg/L	EPA 200.7	11/03/06		9433
Magnesium	24	0.03	1	mg/L	EPA 200.7	11/03/06		9433
Sodium	59	0.05	1	mg/L	EPA 200.7	11/03/06		9433

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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Log Number: 06-C14084
Order: N6465
Project: Nitrate monitoring program
Received: 10/25/06
Printed: 11/14/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-17N4	Asuncion	10/25/06@10:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/03/06		943(
.carbonate Alkalinity as CaCO3	40	1	1	mg/L	SM 2320B	11/03/06		943(
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/03/06		943(
Total Alkalinity as CaCO3	40	2	1	mg/L	SM 2320B	11/03/06		943(
Chloride	43	1	1	mg/L	EPA 300.0	10/26/06		920(
Electrical Conductance	320	1	1	umhos/cm	SM 2510	10/25/06		9211
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	5.6	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	9291
Nitrate as N	5.6	0.1	1	mg/L	EPA 300.0	10/26/06		920(
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/26/06		920(
Sulfate	13	0.5	1	mg/L	EPA 300.0	10/26/06		920(
Total Dissolved Solids	200	10	1	mg/L	EPA 160.1	10/30/06		935(
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	937(
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	11/01/06		938(
Calcium	12	0.03	1	mg/L	EPA 200.7	11/01/06		938(
Potassium	0.78	0.1	1	mg/L	EPA 200.7	11/01/06		938(
Magnesium	11	0.03	1	mg/L	EPA 200.7	11/01/06		938(
Sodium	31	0.05	1	mg/L	EPA 200.7	11/01/06		938(

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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BY:

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Los Osos CSD
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Log Number: 06-C14131
Order: N6487
Project: Nitrate monitoring program
Received: 10/26/06
Printed: 11/06/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18A	Asuncion	10/26/06@11:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
.carbonate Alkalinity as CaCO3	85	1	1	mg/L	SM 2320B	11/06/06		945
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
Total Alkalinity as CaCO3	85	2	1	mg/L	SM 2320B	11/06/06		945
Chloride	57	1	1	mg/L	EPA 300.0	10/27/06		926
Electrical Conductance	490	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	11	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	945
Nitrate as N	11	0.1	1	mg/L	EPA 300.0	10/27/06		926
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		926
Sulfate	31	0.5	1	mg/L	EPA 300.0	10/27/06		926
Total Dissolved Solids	270	10	1	mg/L	EPA 160.1	11/02/06		944
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/03/06	11/02/06	943
Boron	0.23	0.05	1	mg/L	EPA 200.7	11/03/06		943
Calcium	23	0.03	1	mg/L	EPA 200.7	11/03/06		943
Potassium	2.5	0.1	1	mg/L	EPA 200.7	11/03/06		943
Magnesium	16	0.03	1	mg/L	EPA 200.7	11/03/06		943
Sodium	53	0.05	1	mg/L	EPA 200.7	11/03/06		943

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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BY:

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Log Number: 06-C14127
Order: N6487
Project: Nitrate monitoring program
Received: 10/26/06
Printed: 11/06/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18B1	Asuncion	10/26/06@08:20	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
·bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
;arbonate Alkalinity as CaCO3	110	1	1	mg/L	SM 2320B	11/06/06		945
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		945
Total Alkalinity as CaCO3	110	2	1	mg/L	SM 2320B	11/06/06		945
Chloride	50	1	1	mg/L	EPA 300.0	10/27/06		926
Electrical Conductance	470	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	7.0	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	945
Nitrate as N	7.0	0.1	1	mg/L	EPA 300.0	10/27/06		926
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		926
Sulfate	18	0.5	1	mg/L	EPA 300.0	10/27/06		926
Total Dissolved Solids	250	10	1	mg/L	EPA 160.1	11/02/06		944
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	937
Boron	0.19	0.05	1	mg/L	EPA 200.7	11/03/06		943
Calcium	28	0.03	1	mg/L	EPA 200.7	11/03/06		943
Potassium	5.7	0.1	1	mg/L	EPA 200.7	11/03/06		943
Magnesium	15	0.03	1	mg/L	EPA 200.7	11/03/06		943
Sodium	37	0.05	1	mg/L	EPA 200.7	11/03/06		943

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
A Minority-owned Business Enterprise
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RECEIVED
BY:

George Milanes
Los Osos CSD
PO Box 6064
Los Osos, CA 93402

Log Number: 06-C13984
Order: N6417
Project: Nitrate monitoring program
Received: 10/24/06
Printed: 11/02/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18C1	Asuncion	10/24/06@09:43	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
~bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/01/06		938(
,arbonate Alkalinity as CaCO3	120	1	1	mg/L	SM 2320B	11/01/06		938(
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/01/06		938(
Total Alkalinity as CaCO3	120	2	1	mg/L	SM 2320B	11/01/06		938(
Chloride	84	1	1	mg/L	EPA 300.0	10/25/06		918:
Electrical Conductance	670	1	1	umhos/cm	SM 2510	10/26/06		921:
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	14	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	9291
Nitrate as N	14	0.1	1	mg/L	EPA 300.0	10/25/06		918:
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/25/06		918:
Sulfate	39	0.5	1	mg/L	EPA 300.0	10/25/06		918:
Total Dissolved Solids	360	10	1	mg/L	EPA 160.1	10/27/06		934:
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/27/06	10/27/06	927(
Boron	0.13	0.05	1	mg/L	EPA 200.7	11/01/06		938:
Calcium	29	0.03	1	mg/L	EPA 200.7	11/01/06		938(
Potassium	1.6	0.1	1	mg/L	EPA 200.7	11/01/06		938(
Magnesium	26	0.03	1	mg/L	EPA 200.7	11/01/06		938(
Sodium	61	0.05	1	mg/L	EPA 200.7	11/01/06		938:

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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NOV 20 2006
BY: JM

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Log Number: 06-C14414
Order: N6614
Project: Nitrate monitoring program
Received: 11/01/06
Printed: 11/13/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18E1	Asuncion	11/01/06@10:47	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
·bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/09/06		956
carbonate Alkalinity as CaCO3	84	1	1	mg/L	SM 2320B	11/09/06		956
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/09/06		956
Total Alkalinity as CaCO3	84	2	1	mg/L	SM 2320B	11/09/06		956
Chloride	58	1	1	mg/L	EPA 300.0	11/02/06		942
Electrical Conductance	450	1	1	umhos/cm	SM 2510	11/02/06		941
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	7.9	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	946
Nitrate as N	7.9	0.1	1	mg/L	EPA 300.0	11/02/06		942
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	11/02/06		942
Sulfate	21	0.5	1	mg/L	EPA 300.0	11/02/06		942
Total Dissolved Solids	240	10	1	mg/L	EPA 160.1	11/08/06		962
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/09/06	11/08/06	957
Boron	0.10	0.05	1	mg/L	EPA 200.7	11/07/06		953
Calcium	20	0.03	1	mg/L	EPA 200.7	11/07/06		953
Potassium	1.4	0.1	1	mg/L	EPA 200.7	11/07/06		953
Magnesium	16	0.03	1	mg/L	EPA 200.7	11/07/06		953
Sodium	42	0.05	1	mg/L	EPA 200.7	11/07/06		953

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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RECEIVED
NOV 03 2006
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Log Number: 06-C13852
Order: N6342
Project: Nitrate monitoring program
Received: 10/19/06
Printed: 10/30/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18J6	Asuncion	10/19/06@11:30	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
rbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		925
carbonate Alkalinity as CaCO3	190	1	1	mg/L	SM 2320B	10/27/06		925
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		925
Total Alkalinity as CaCO3	190	2	1	mg/L	SM 2320B	10/27/06		925
Chloride	70	1	1	mg/L	EPA 300.0	10/20/06		907
Electrical Conductance	630	1	1	umhos/cm	SM 2510	10/20/06		909
Organic Nitrogen Value	0.8	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	5.9	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	3.2	0.3	1	mg/L	EPA 350.2	10/26/06		920
Nitrate as N	1.9	0.1	1	mg/L	EPA 300.0	10/20/06		907
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/20/06		907
Sulfate	22	0.5	1	mg/L	EPA 300.0	10/20/06		907
Total Dissolved Solids	390	10	1	mg/L	EPA 160.1	10/24/06		921
Total Kjeldahl Nitrogen	4.0	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	913
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919
Calcium	46	0.03	1	mg/L	EPA 200.7	10/26/06		919
Potassium	5.9	0.1	1	mg/L	EPA 200.7	10/26/06		919
Magnesium	32	0.03	1	mg/L	EPA 200.7	10/26/06		919
Sodium	52	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	919

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

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Lab Director, Michael Ng

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RECEIVED
NOV 03 2006
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Log Number: 06-C13892
Order: N6367
Project: Nitrate monitoring program
Received: 10/20/06
Printed: 10/31/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18L3	Asuncion	10/20/06@09:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
Bicarbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		9255
Carbonate Alkalinity as CaCO3	50	1	1	mg/L	SM 2320B	10/27/06		9255
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/27/06		9255
Total Alkalinity as CaCO3	50	2	1	mg/L	SM 2320B	10/27/06		9255
Chloride	49	1	1	mg/L	EPA 300.0	10/20/06		9070
Electrical Conductance	370	1	1	umhos/cm	SM 2510	10/31/06		9306
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	5.9	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/26/06		9200
Nitrate as N	5.9	0.1	1	mg/L	EPA 300.0	10/20/06		9070
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/20/06		9070
Sulfate	21	0.5	1	mg/L	EPA 300.0	10/20/06		9070
Total Dissolved Solids	210	10	1	mg/L	EPA 160.1	10/25/06		9300
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/24/06	10/23/06	9135
Boron	0.09	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	9191
Calcium	18	0.03	1	mg/L	EPA 200.7	10/26/06		9194
Potassium	2.1	0.1	1	mg/L	EPA 200.7	10/26/06		9194
Magnesium	11	0.03	1	mg/L	EPA 200.7	10/26/06		9194
Sodium	33	0.05	1	mg/L	EPA 200.7	10/26/06	10/23/06	9191

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

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Log Number: 06-C13985
Order: N6417
Project: Nitrate monitoring program
Received: 10/24/06
Printed: 11/02/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18L4	Asuncion	10/24/06@10:55	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
carbonate Alkalinity as CaCO3	110	1	1	mg/L	SM 2320B	10/31/06		934
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	10/31/06		934
Total Alkalinity as CaCO3	110	2	1	mg/L	SM 2320B	10/31/06		934
Chloride	84	1	1	mg/L	EPA 300.0	10/25/06		918
Electrical Conductance	660	1	1	umhos/cm	SM 2510	10/26/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	14	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	14	0.1	1	mg/L	EPA 300.0	10/25/06		918
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/25/06		918
Sulfate	32	0.5	1	mg/L	EPA 300.0	10/25/06		918
Total Dissolved Solids	350	10	1	mg/L	EPA 160.1	10/27/06		934
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	10/27/06	10/27/06	927
Boron	0.12	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	31	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	3.3	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	25	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	51	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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BY:

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Log Number: 06-C14199
Order: N6518
Project: Nitrate monitoring program
Received: 10/27/06
Printed: 11/08/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18N1	Asuncion	10/27/06@09:25	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
rbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		9513
carbonate Alkalinity as CaCO3	38	1	1	mg/L	SM 2320B	11/06/06		9513
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/06/06		9513
Total Alkalinity as CaCO3	38	2	1	mg/L	SM 2320B	11/06/06		9513
Chloride	140	10	10	mg/L	EPA 300.0	10/30/06		9298
Electrical Conductance	780	1	1	umhos/cm	SM 2510	10/31/06		9306
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	20	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	9460
Nitrate as N	20	0.1	1	mg/L	EPA 300.0	10/27/06		9268
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/27/06		9268
Sulfate	26	0.5	1	mg/L	EPA 300.0	10/27/06		9268
Total Dissolved Solids	420	10	1	mg/L	EPA 160.1	11/03/06		9479
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/07/06	11/06/06	9512
Boron	0.12	0.05	1	mg/L	EPA 200.7	11/03/06		9433
Calcium	27	0.03	1	mg/L	EPA 200.7	11/03/06		9433
Potassium	1.7	0.1	1	mg/L	EPA 200.7	11/03/06		9433
Magnesium	25	0.03	1	mg/L	EPA 200.7	11/03/06		9433
Sodium	61	0.05	1	mg/L	EPA 200.7	11/03/06		9433

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

CREEK ENVIRONMENTAL LABORATORIES, INC.
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BY:

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Log Number: 06-C14413
Order: N6614
Project: Nitrate monitoring program
Received: 11/01/06
Printed: 11/13/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-18R1	Asuncion	11/01/06@13:00	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
-bonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/09/06		9561
,arbonate Alkalinity as CaCO3	60	1	1	mg/L	SM 2320B	11/09/06		9561
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/09/06		9561
Total Alkalinity as CaCO3	60	2	1	mg/L	SM 2320B	11/09/06		9561
Chloride	110	10	10	mg/L	EPA 300.0	11/03/06		9446
Electrical Conductance	630	1	1	umhos/cm	SM 2510	11/02/06		9419
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	18	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	11/06/06	11/06/06	9460
Nitrate as N	18	0.1	1	mg/L	EPA 300.0	11/02/06		9421
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	11/02/06		9421
Sulfate	22	0.5	1	mg/L	EPA 300.0	11/02/06		9421
Total Dissolved Solids	350	10	1	mg/L	EPA 160.1	11/08/06		9627
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/09/06	11/08/06	9577
Boron	0.17	0.05	1	mg/L	EPA 200.7	11/07/06		9533
Calcium	27	0.03	1	mg/L	EPA 200.7	11/07/06		9533
Potassium	0.78	0.1	1	mg/L	EPA 200.7	11/07/06		9533
Magnesium	22	0.03	1	mg/L	EPA 200.7	11/07/06		9533
Sodium	58	0.05	1	mg/L	EPA 200.7	11/07/06		9533

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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Log Number: 06-C14083
Order: N6465
Project: Nitrate monitoring program
Received: 10/25/06
Printed: 11/14/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-20B	Asuncion	10/25/06@10:05	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batch
rbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/03/06		943(
carbonate Alkalinity as CaCO3	95	1	1	mg/L	SM 2320B	11/03/06		943(
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/03/06		943(
Total Alkalinity as CaCO3	95	2	1	mg/L	SM 2320B	11/03/06		943(
Chloride	98	10	10	mg/L	EPA 300.0	10/26/06		920
Electrical Conductance	610	1	1	umhos/cm	SM 2510	10/25/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	6.0	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	6.0	0.1	1	mg/L	EPA 300.0	10/26/06		920
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/26/06		920
Sulfate	24	0.5	1	mg/L	EPA 300.0	10/26/06		920
Total Dissolved Solids	340	10	1	mg/L	EPA 160.1	10/30/06		935(
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	937
Boron	Not Detected	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	28	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	0.99	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	30	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	44	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

Lab Director, Michael Ng

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George Milanes
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PO Box 6064
Los Osos, CA 93402

Log Number: 06-C14082
Order: N6465
Project: Nitrate monitoring program
Received: 10/25/06
Printed: 11/14/06

REPORT OF ANALYTICAL RESULTS

Sample Description	Sampled By	Sampled Date @ Time	Matrix
30S/11E-21D	Asuncion	10/25/06@09:40	Aqueous

Analyte	Result	DLR	Dilution Factor	Units	Method	Date Analyzed	Date Prepared	Batc
Carbonate Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		941
Bicarbonate Alkalinity as CaCO3	500	1	1	mg/L	SM 2320B	11/02/06		941
Hydroxide Alkalinity as CaCO3	Not Detected	1	1	mg/L	SM 2320B	11/02/06		941
Total Alkalinity as CaCO3	500	2	1	mg/L	SM 2320B	11/02/06		941
Chloride	100	10	10	mg/L	EPA 300.0	10/26/06		920
Electrical Conductance	1,300	1	1	umhos/cm	SM 2510	10/25/06		921
Organic Nitrogen Value	Not Detected	0.5	NA	mg/L	Calculated			
Total Nitrogen Value	4.8	0.5	NA	mg/L	Calculated			
Ammonia, Total, as N	Not Detected	0.3	1	mg/L	EPA 350.2	10/30/06	10/30/06	929
Nitrate as N	4.8	0.1	1	mg/L	EPA 300.0	10/26/06		920
Nitrite as N	Not Detected	0.1	1	mg/L	EPA 300.0	10/26/06		920
Sulfate	94	0.5	1	mg/L	EPA 300.0	10/26/06		920
Total Dissolved Solids	780	10	1	mg/L	EPA 160.1	10/30/06		935
Total Kjeldahl Nitrogen	Not Detected	0.5	1	mg/L	EPA 351.3	11/01/06	11/01/06	937
Boron	0.16	0.05	1	mg/L	EPA 200.7	11/01/06		938
Calcium	87	0.03	1	mg/L	EPA 200.7	11/01/06		938
Potassium	0.50	0.1	1	mg/L	EPA 200.7	11/01/06		938
Magnesium	90	0.03	1	mg/L	EPA 200.7	11/01/06		938
Sodium	78	0.05	1	mg/L	EPA 200.7	11/01/06		938

DLR = Detection Limit for Reporting. Results of "Not Detected" are below DLR.

CREEK ENVIRONMENTAL LABORATORIES

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