Attachment B

ISB Data Collected during the Reporting Period

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Attachment B

ISB Data Collected during the Reporting Period

B-1. ANALYTICAL DATA

Section B-1 presents data supporting this report, which include electron donor, redox parameters, bioactivity and nutrients, VOCs, tritium, and strontium-90. Figures show data from the start of the AED optimization (March 2004) through September 2005. On the figures, "1X, 6%" refers to a sodium lactate injection of 12,000 gallons, 6% concentration. "Whey Powder" refers to 1X 10% whey powder injections.

Data tables are shown for all data collected in Fiscal Year 2005 (October 2004 through September 2005). This includes quality assurance data from July 2005 through September 2005. Quality assurance data collected during the AED optimization (March 2004 through June 2005) are included in Attachment A (Details of the AED Optimization) of this report.

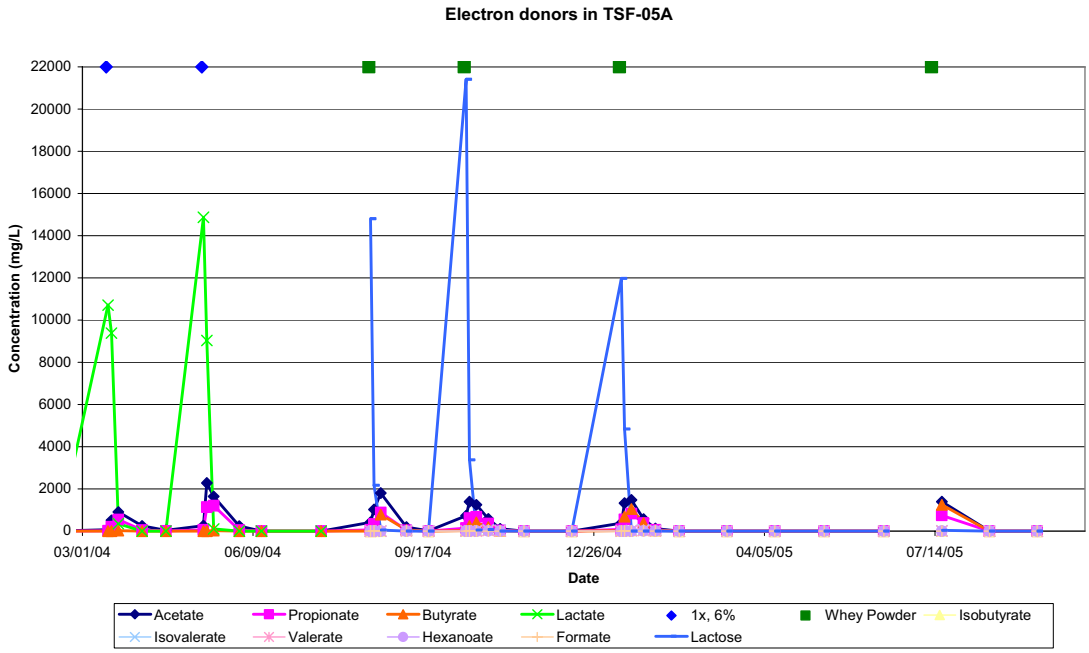


Figure B-1. Electron donor mass concentrations at TSF-05A.

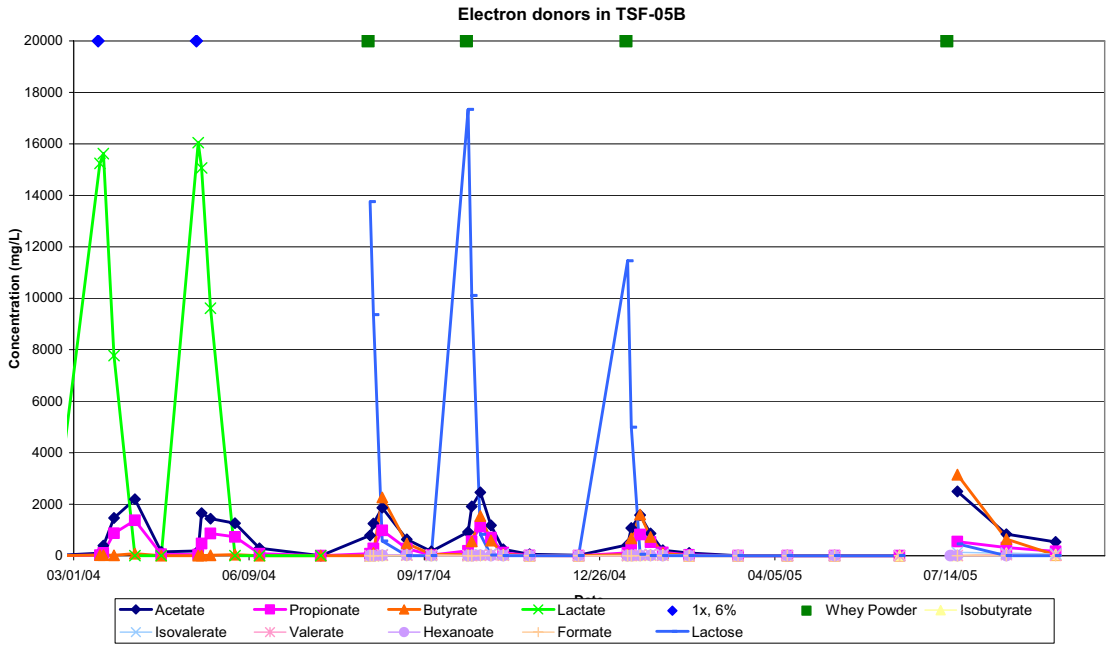


Figure B-2. Electron donor mass concentrations at TSF-05B.

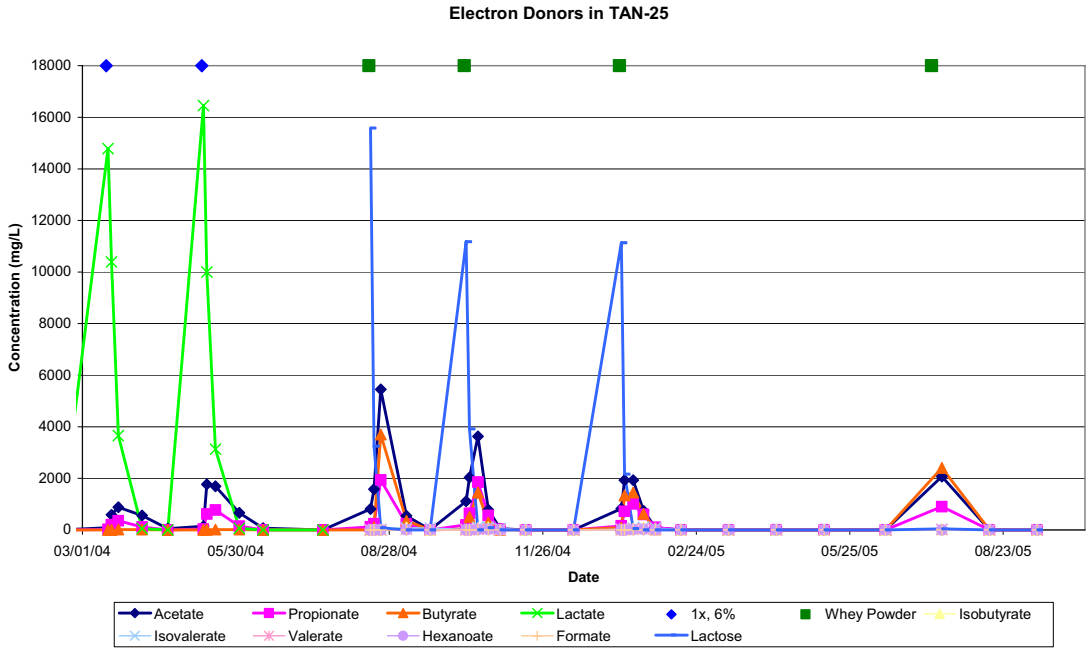


Figure B-3. Electron donor mass concentrations at TAN-25.

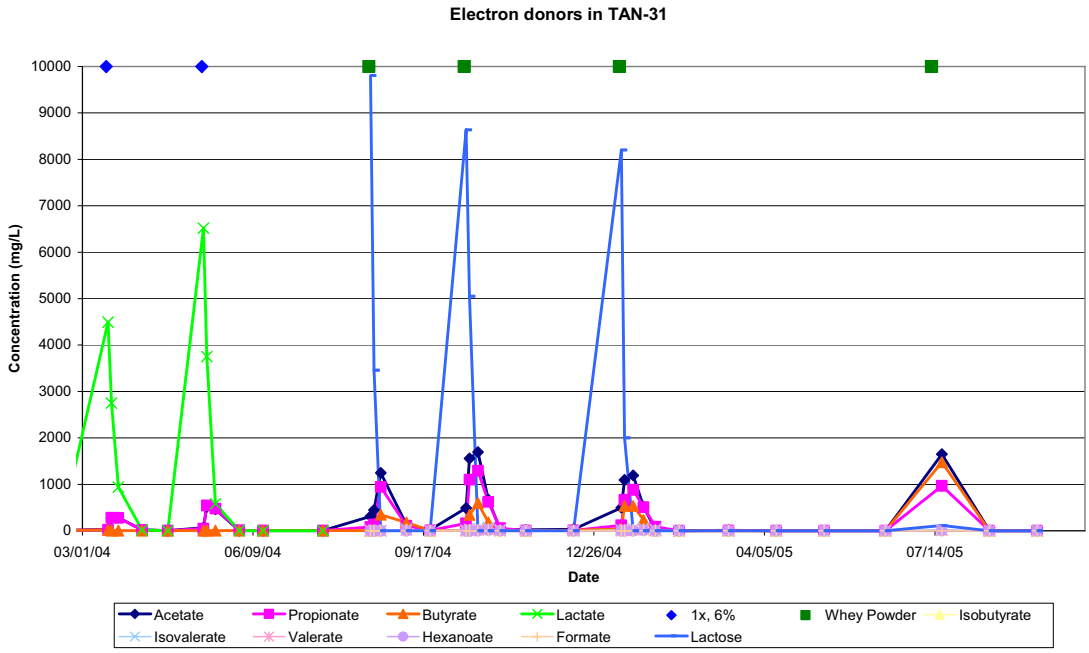


Figure B-4. Electron donor mass concentrations at TAN-31.

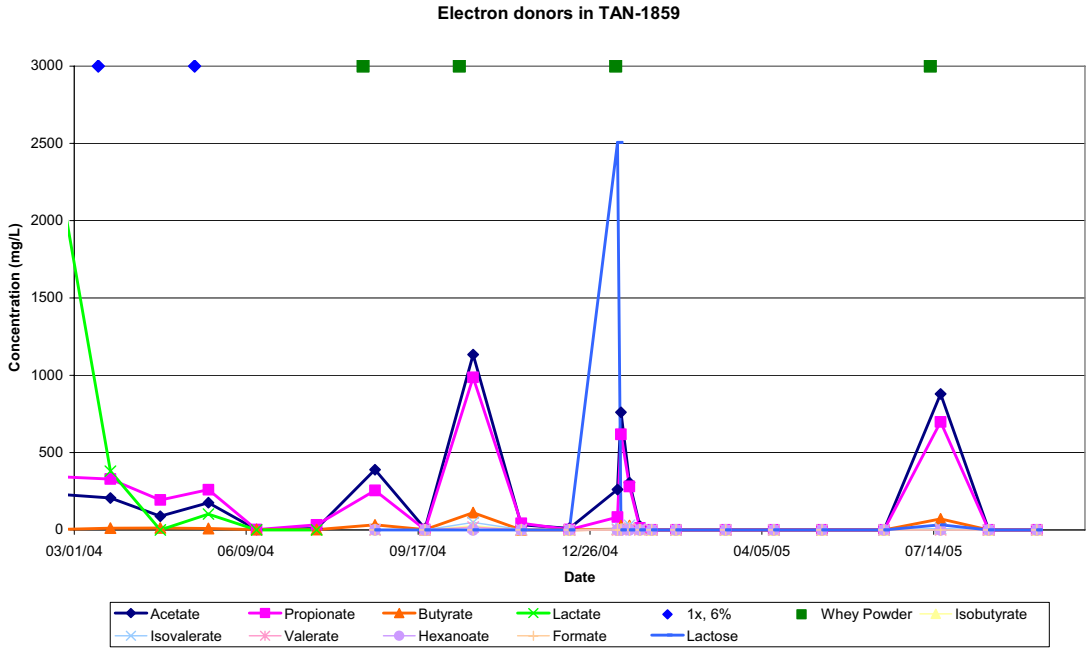


Figure B-5. Electron donor mass concentrations at TAN-1859.

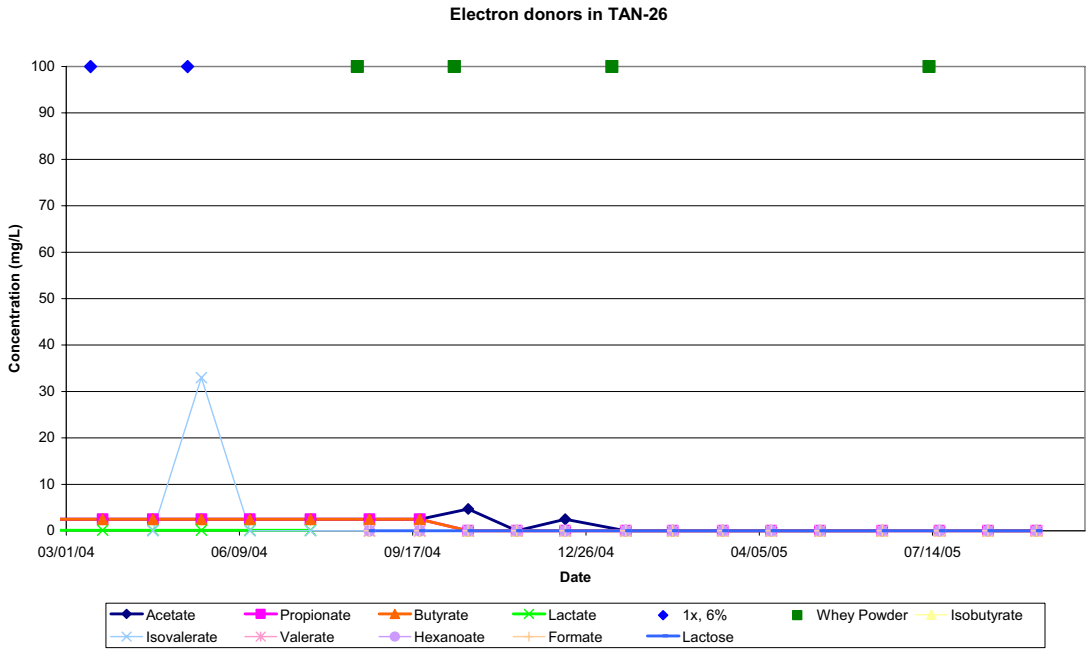


Figure B-6. Electron donor mass concentrations at TAN-26.

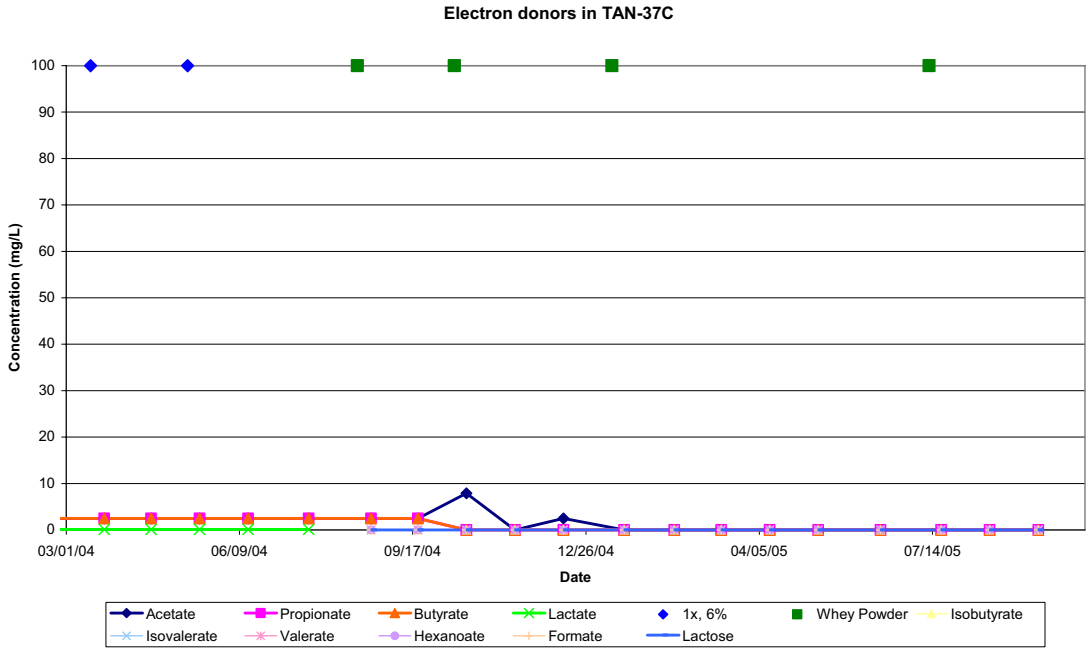


Figure B-7. Electron donor mass concentrations at TAN-37C.

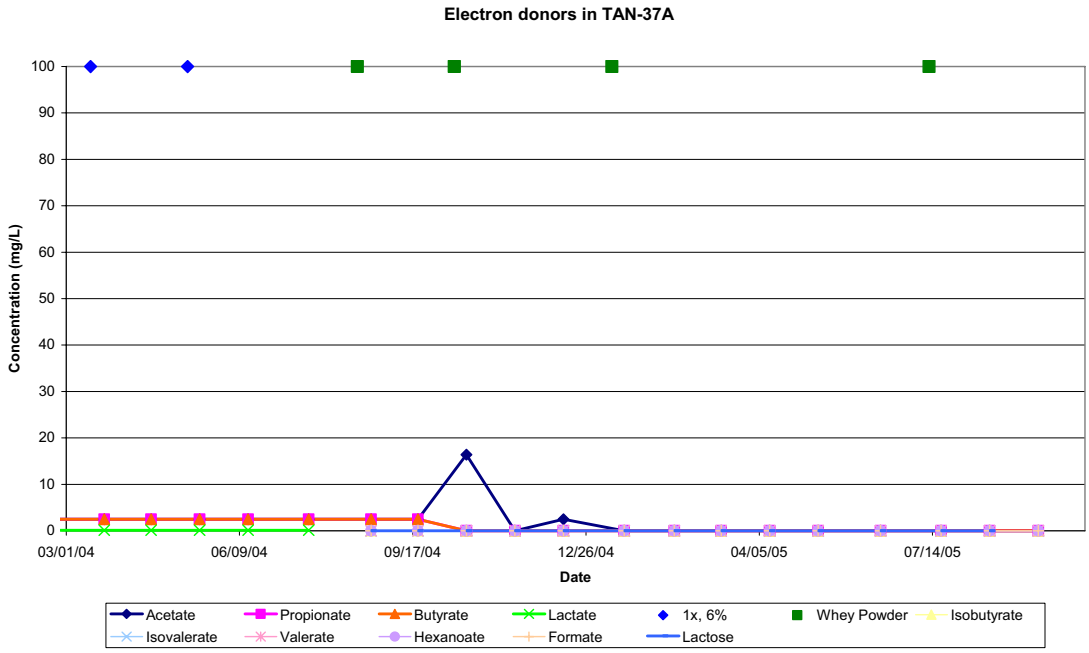


Figure B-8. Electron donor mass concentrations at TAN-37A.

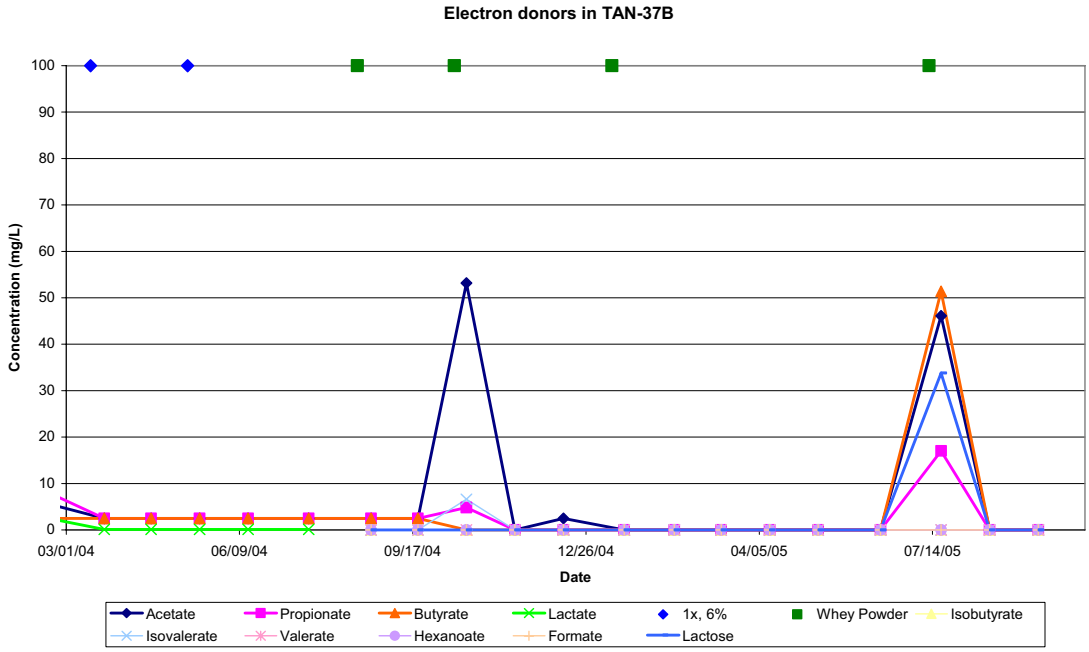


Figure B-9. Electron donor mass concentrations at TAN-37B.

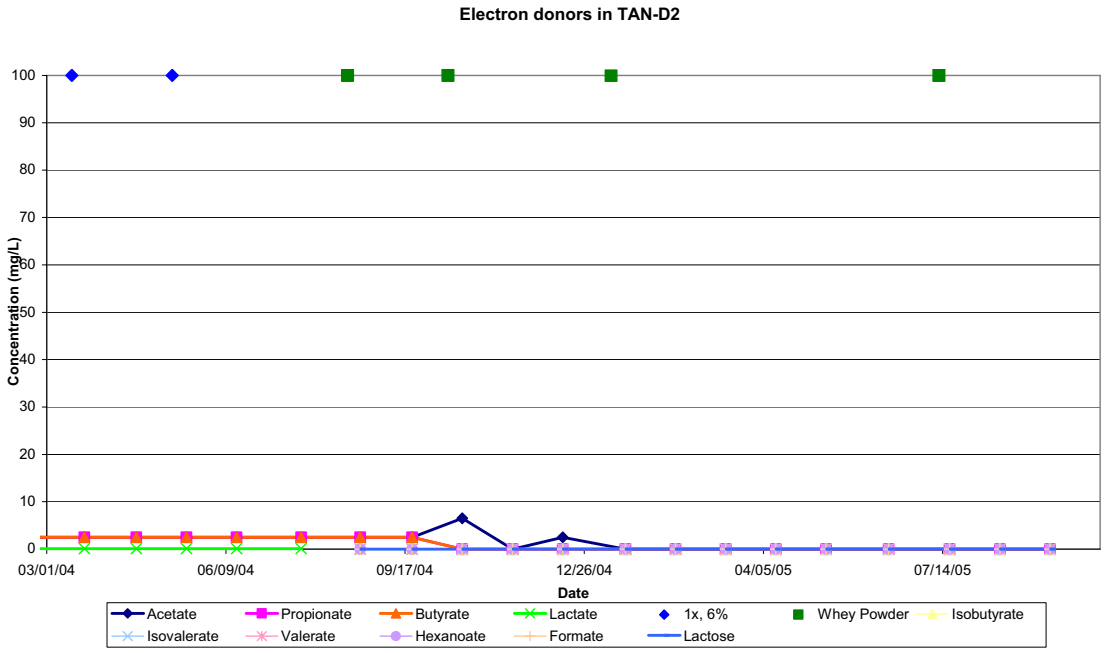


Figure B-10. Electron donor mass concentrations at TAN-D2.

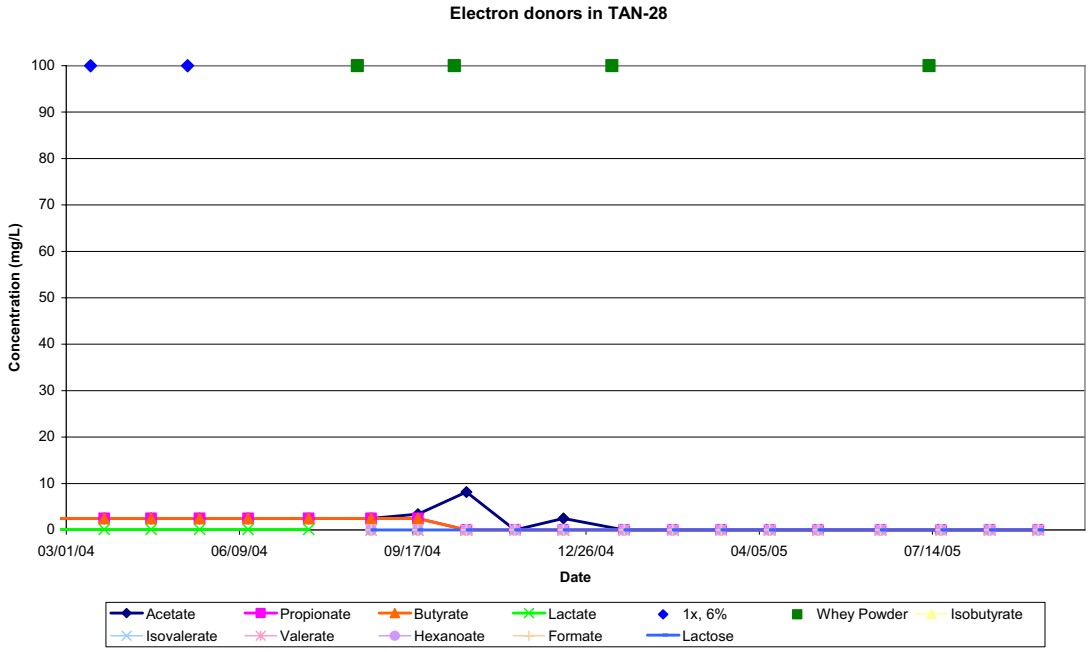


Figure B-11. Electron donor mass concentrations at TAN-28.

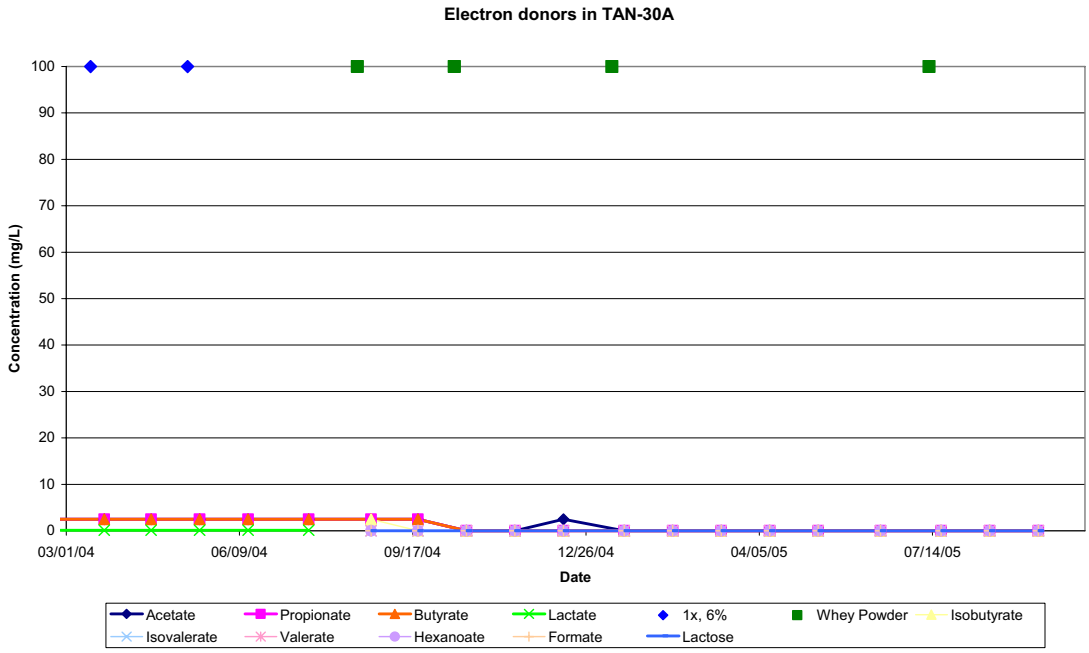


Figure B-12. Electron donor mass concentrations at TAN-30A.

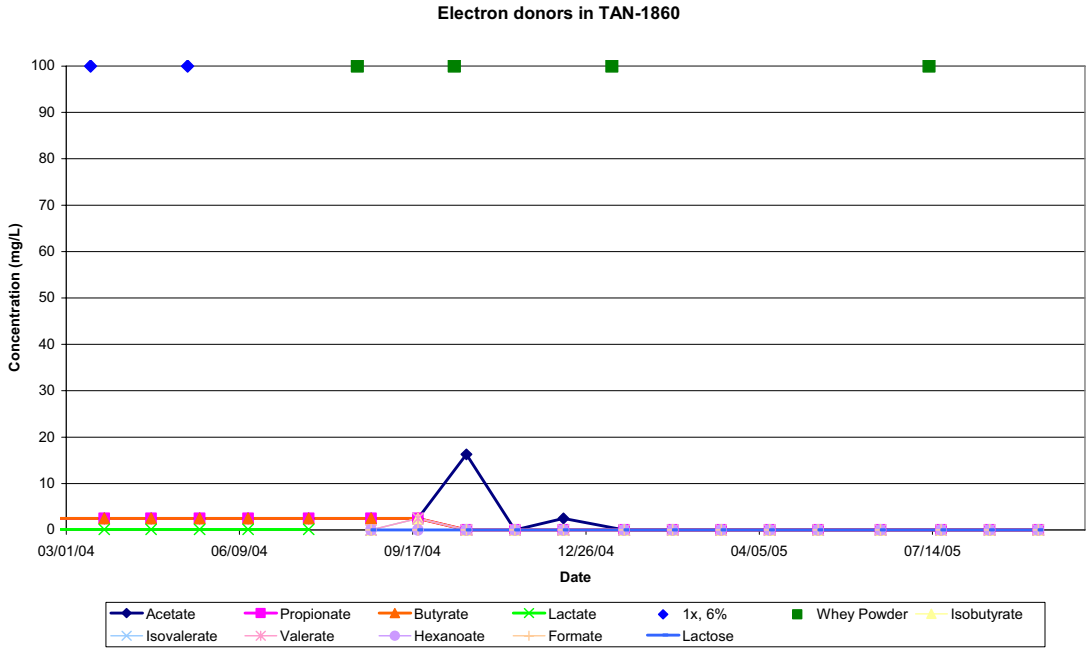


Figure B-13. Electron donor mass concentrations at TAN-1860.

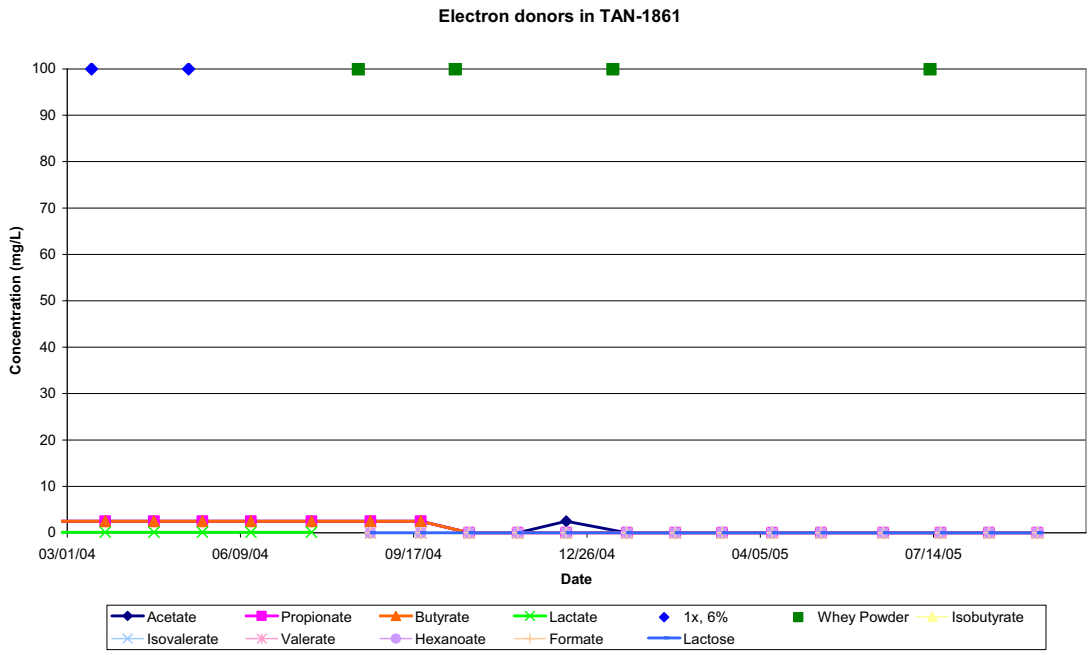


Figure B-14. Electron donor mass concentrations at TAN-1861.

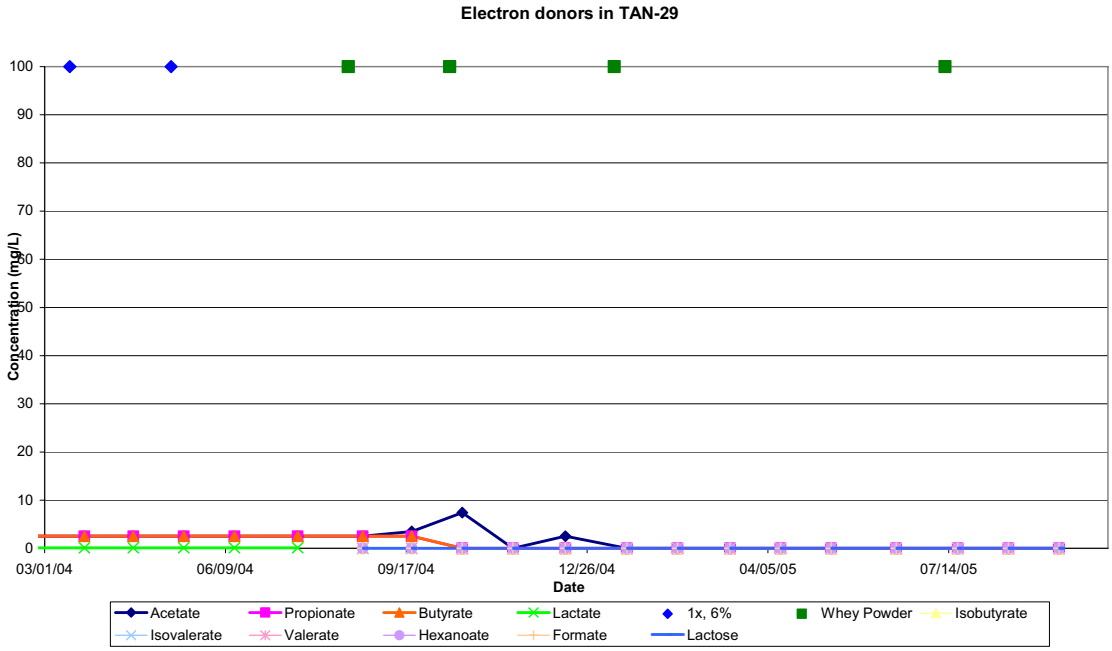


Figure B-15. Electron donor mass concentrations at TAN-29.

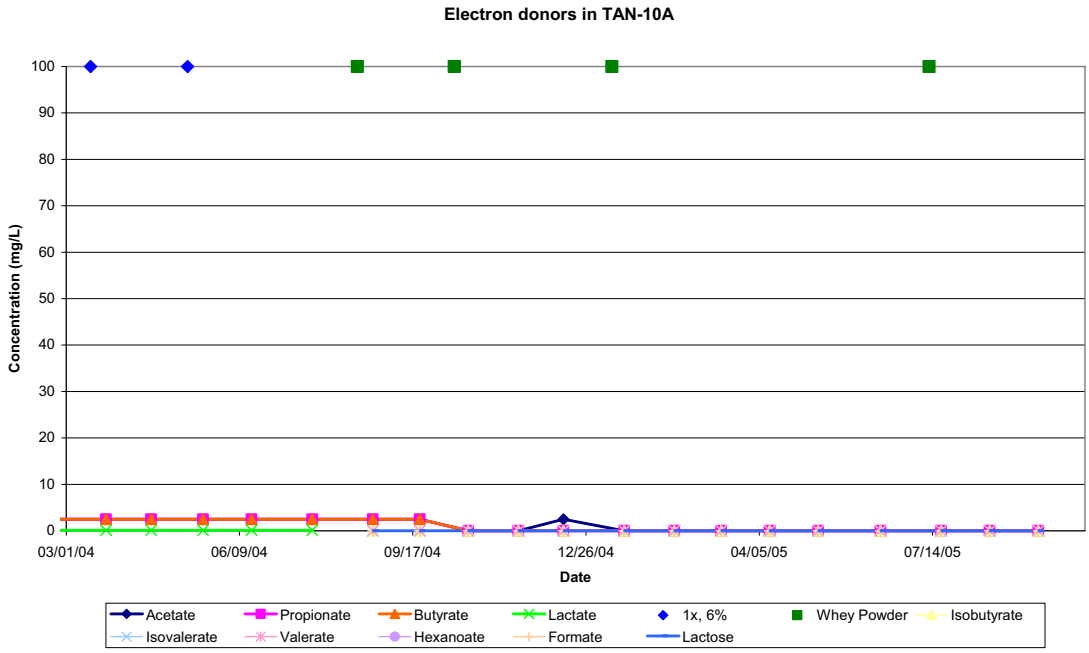


Figure B-16. Electron donor mass concentrations at TAN-10A.

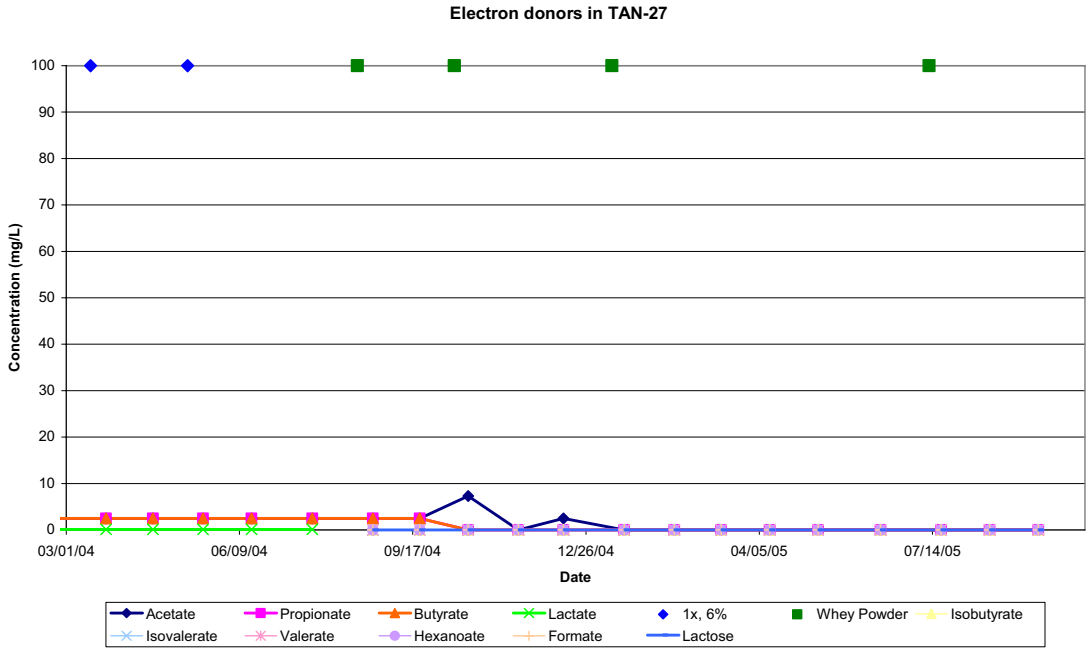


Figure B-17. Electron donor mass concentrations at TAN-27.

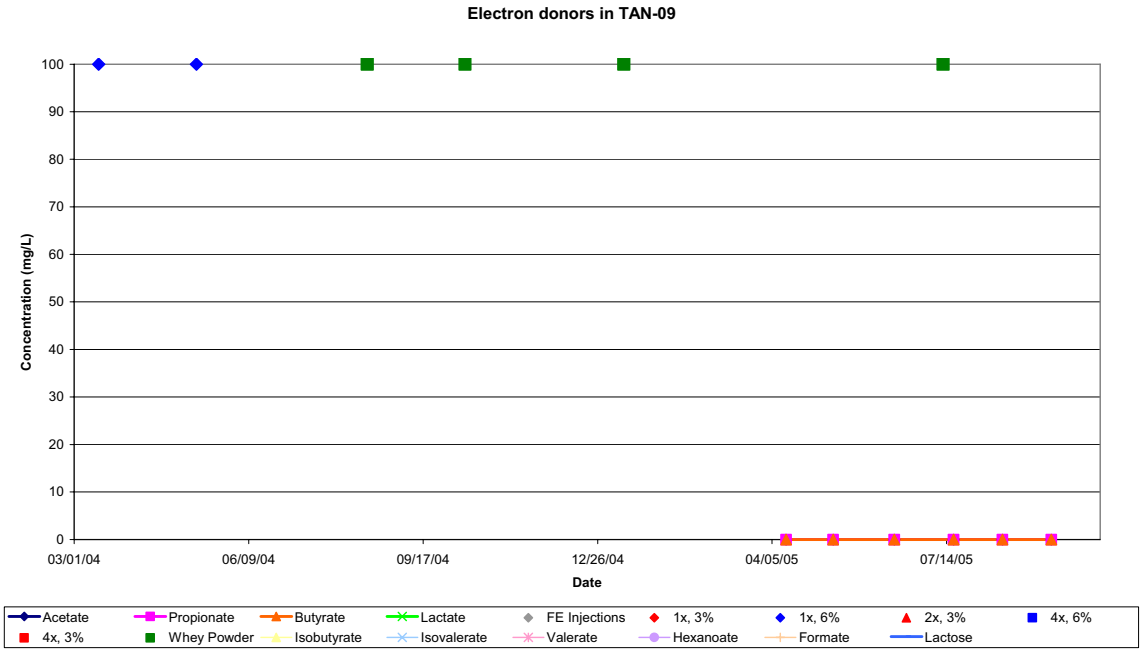


Figure B-18. Electron donor mass concentrations at TAN-09.

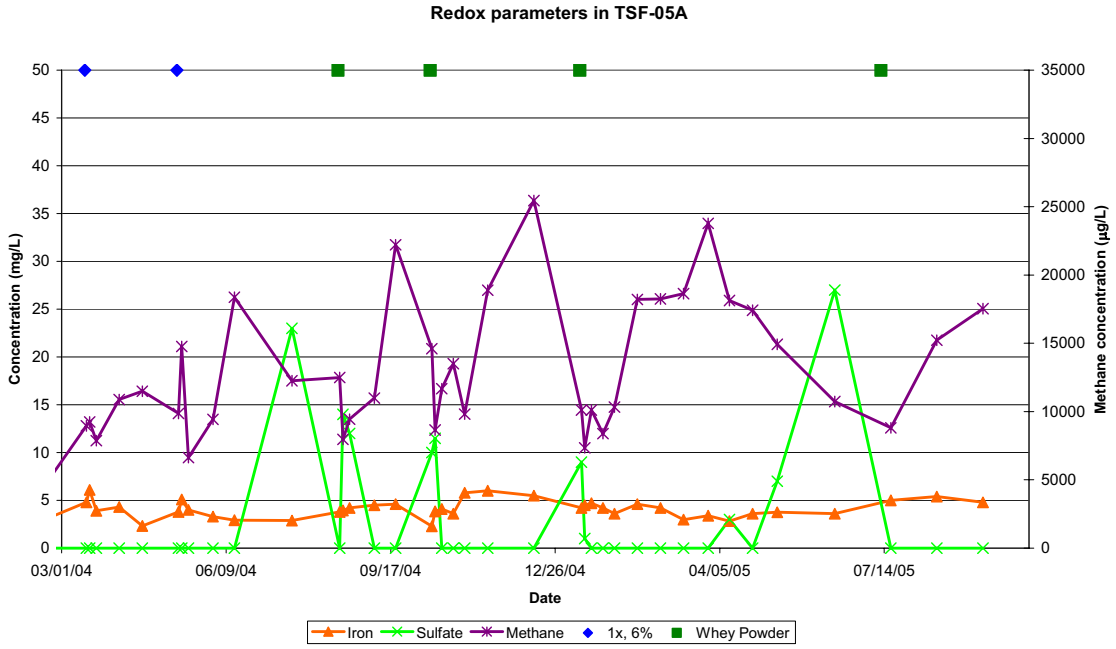


Figure B-19. Redox parameters at TSF-05A.

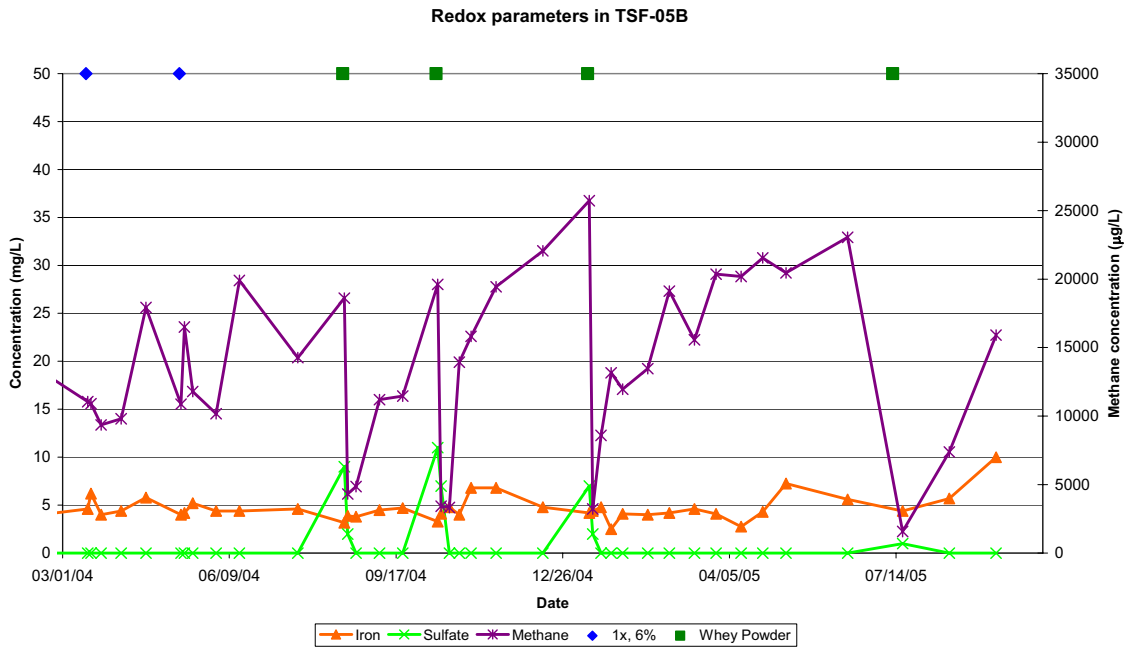
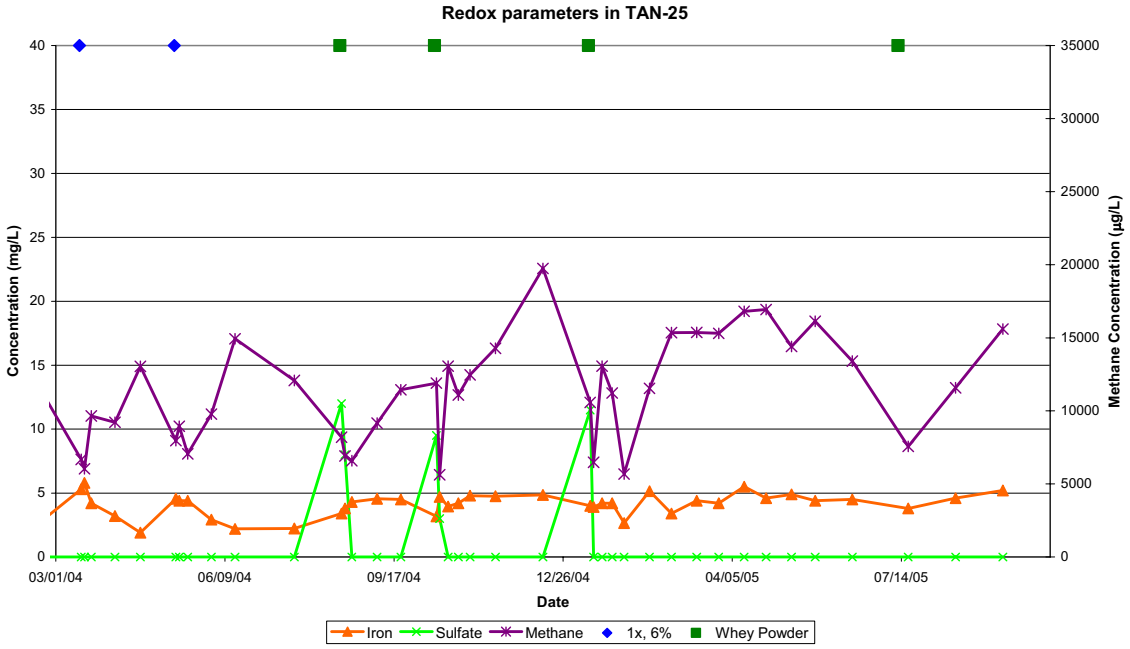


Figure B-20. Redox parameters at TSF-05B.



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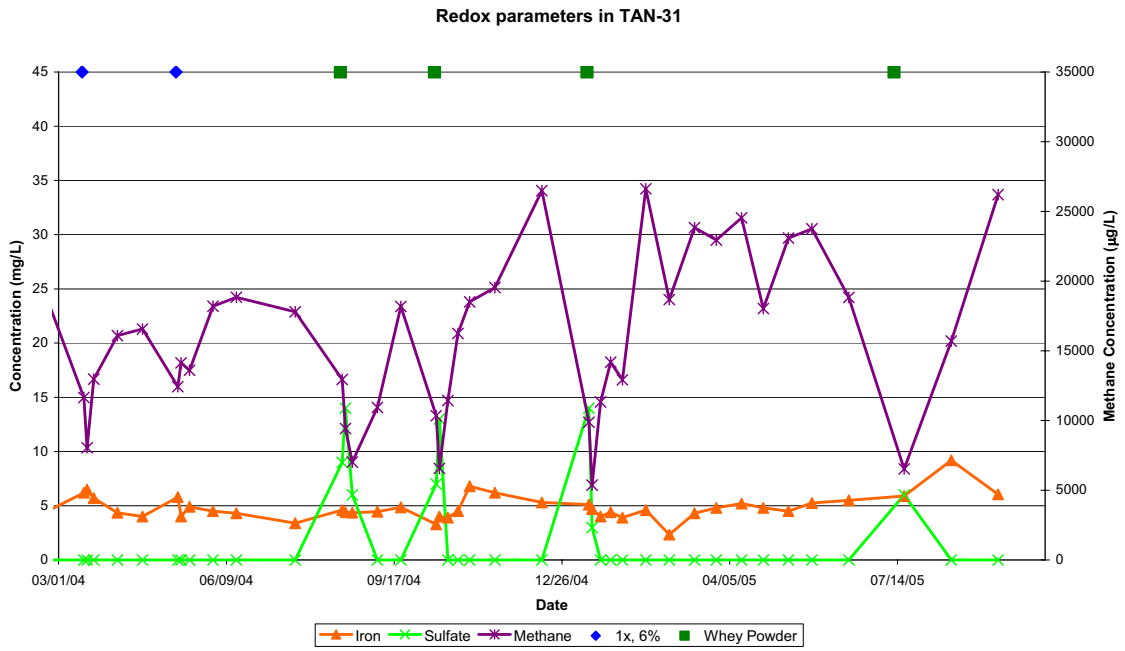

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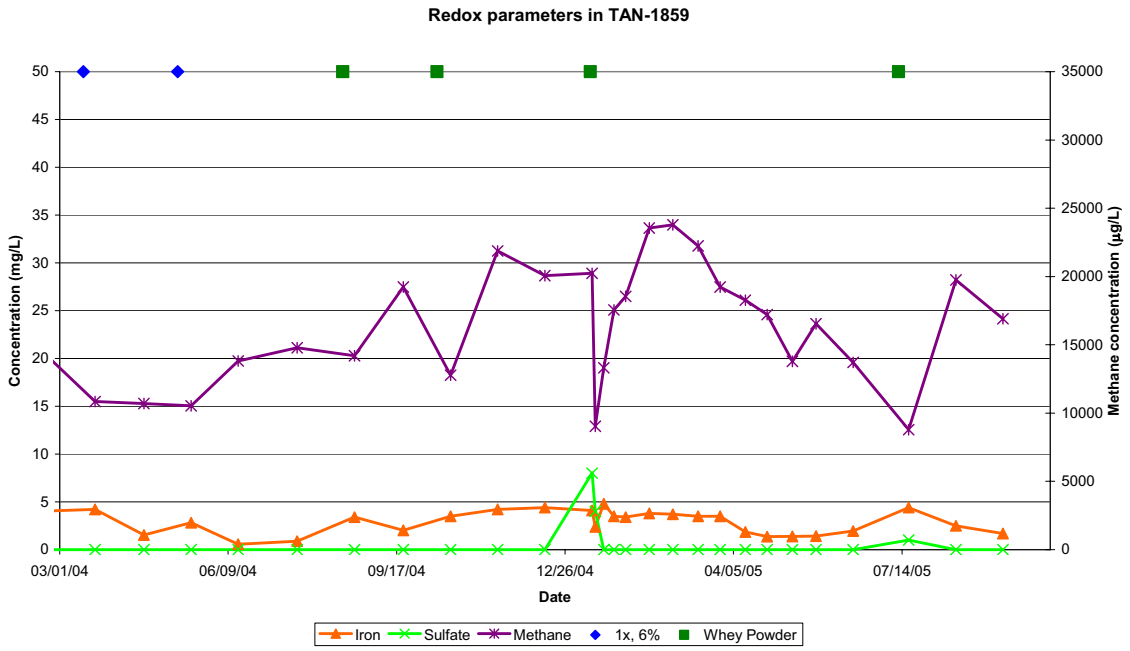

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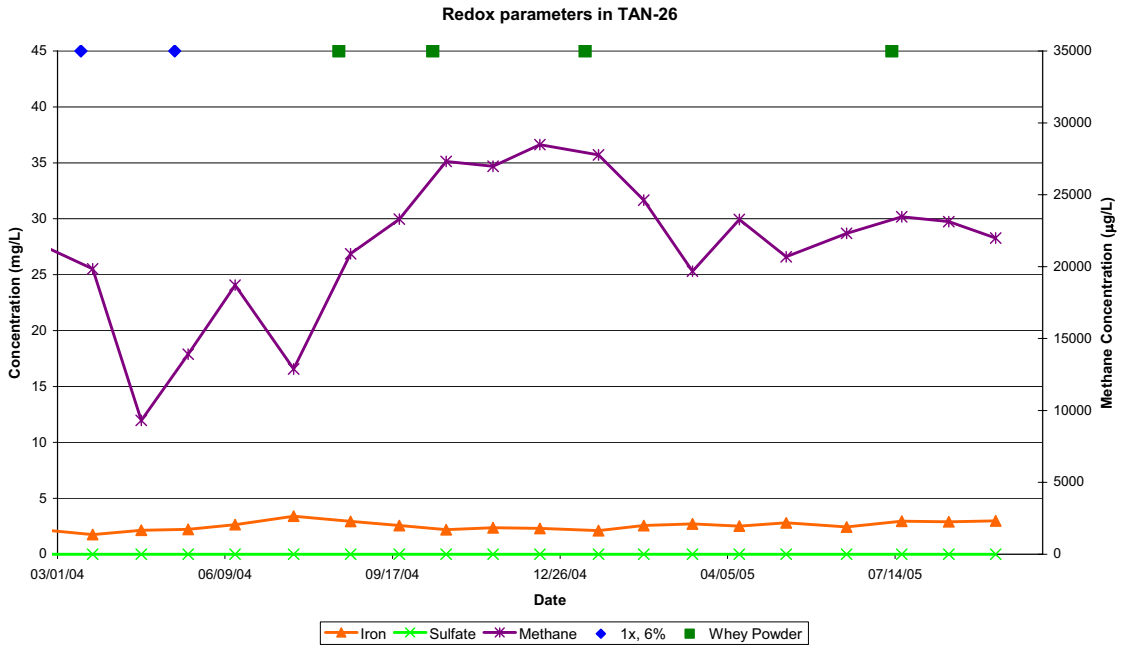

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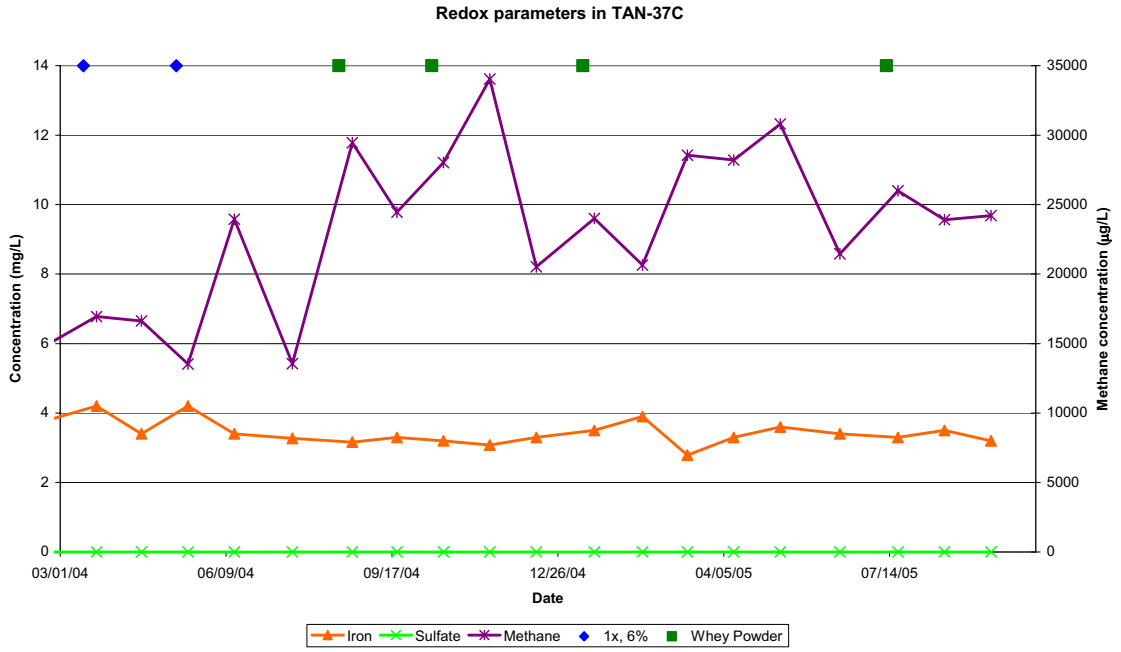

Figure B-25. Redox parameters at TAN-37C.

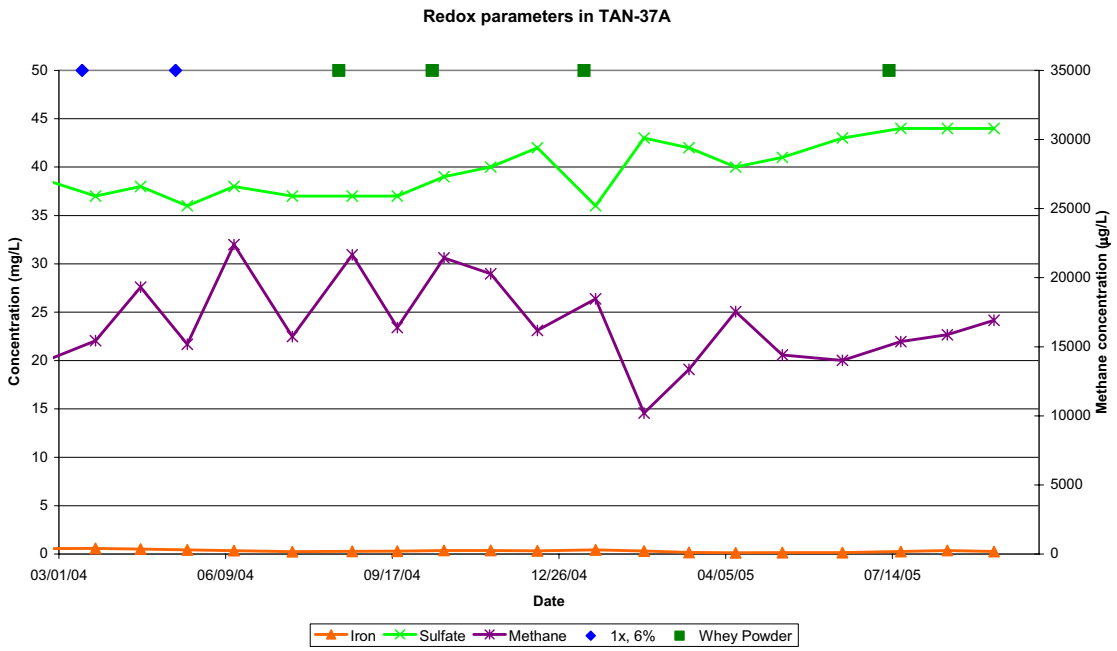

Figure B-26. Redox parameters at TAN-37A.

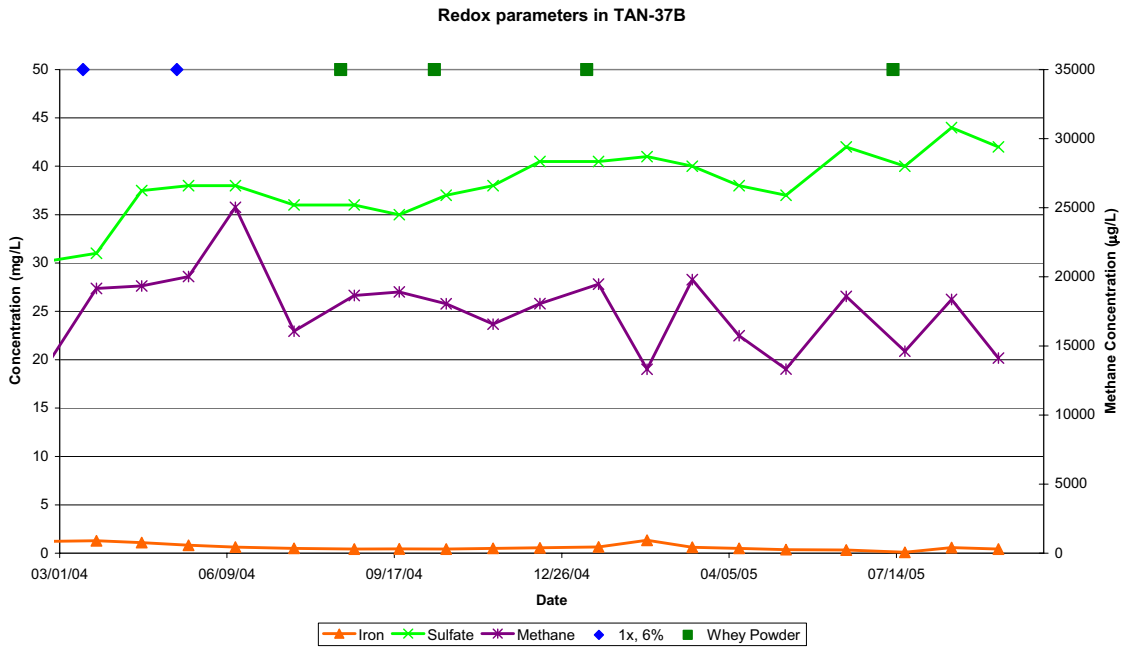

Figure B-27. Redox parameters at TAN-37B.

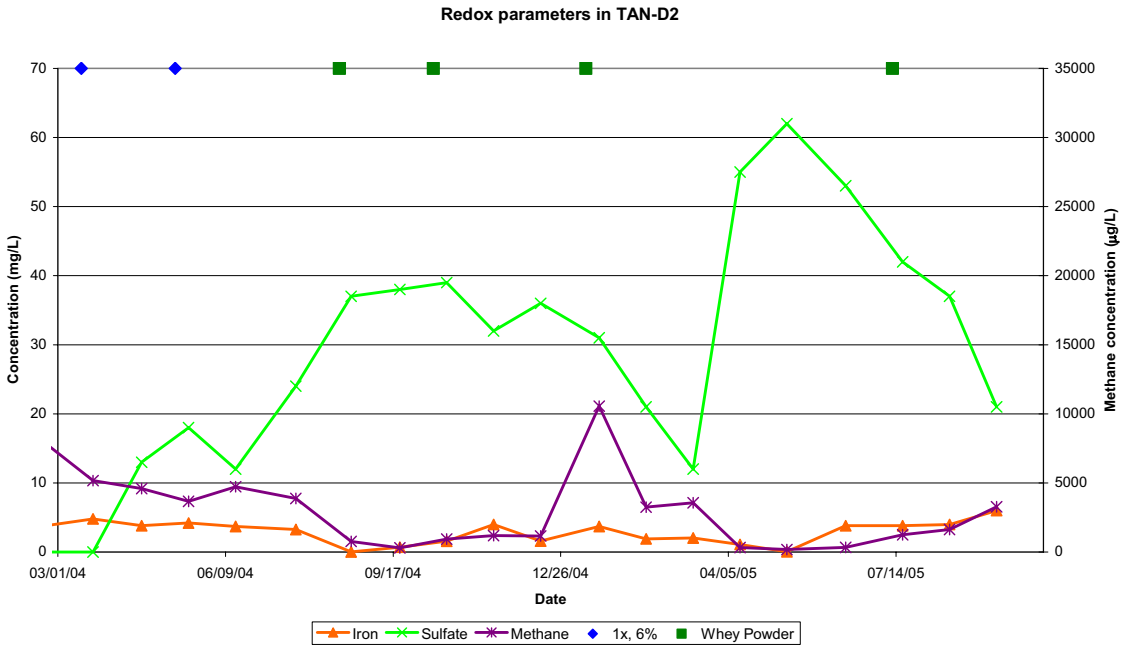

Figure B-28. Redox parameters at TAN-D2.

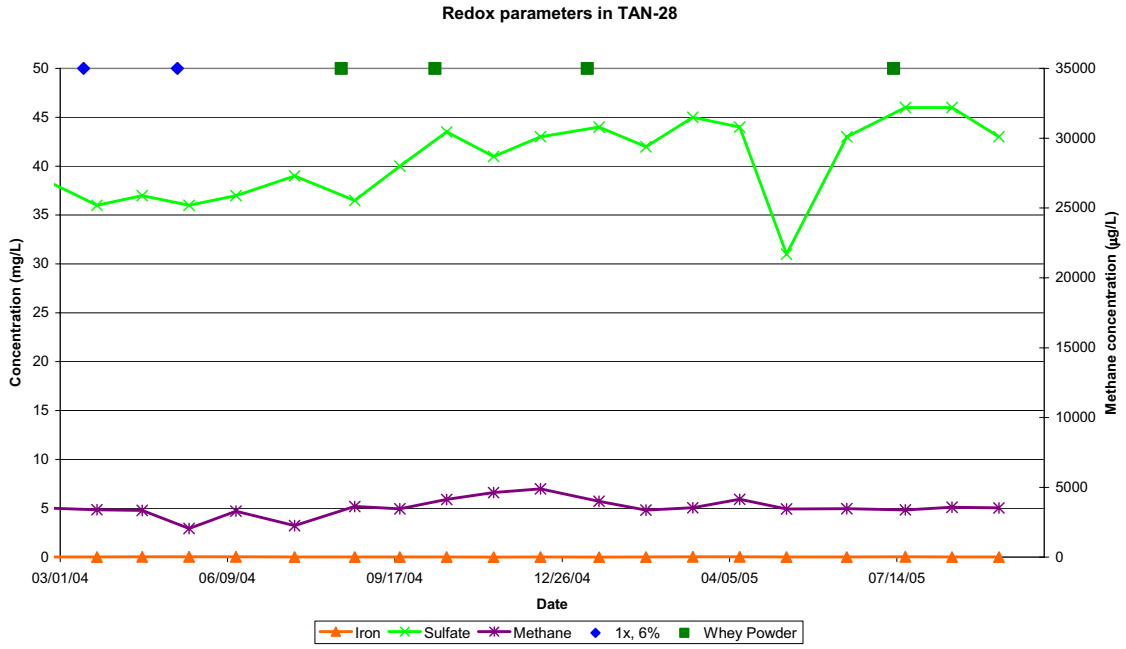

Figure B-29. Redox parameters at TAN-28.

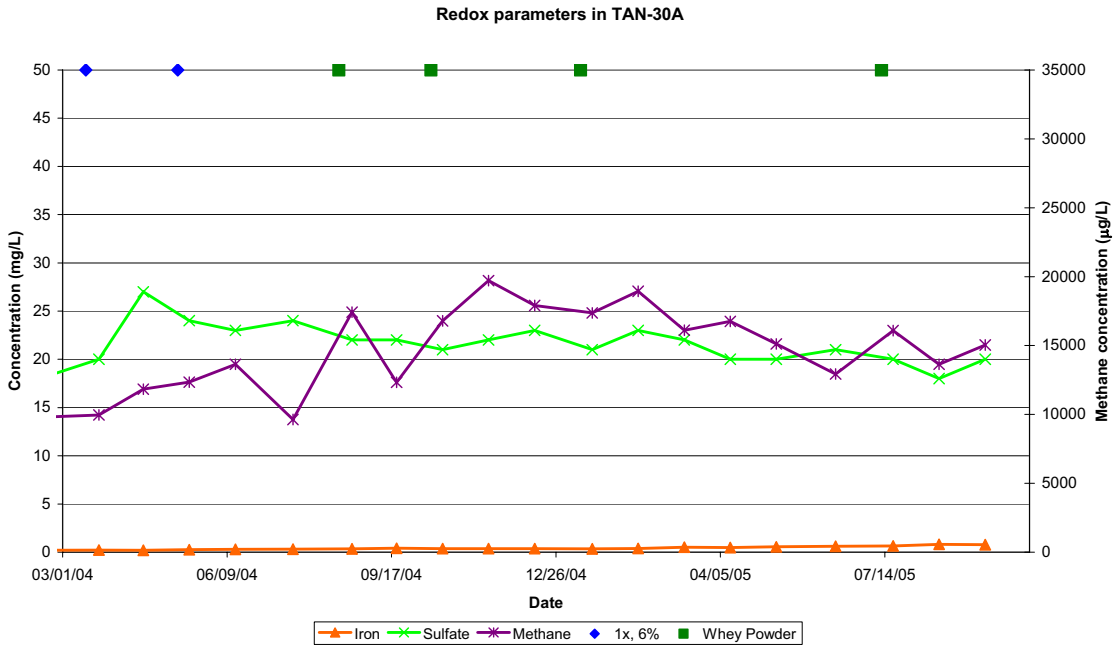

Figure B-30. Redox parameters at TAN-30A.

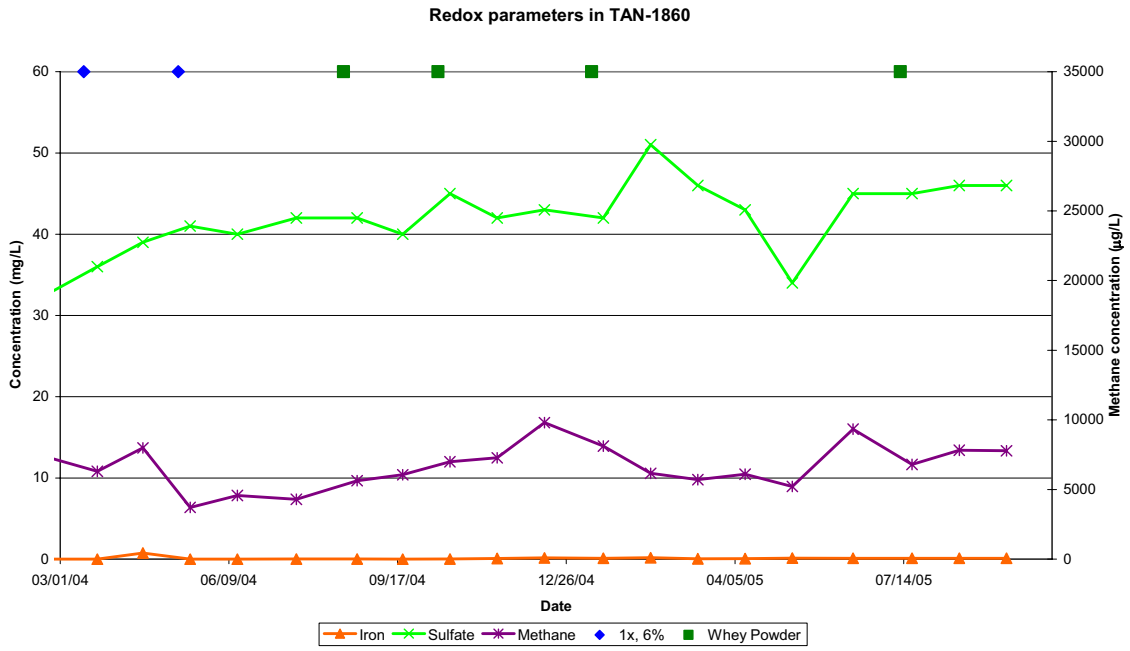

Figure B-31. Redox parameters at TAN-1860.

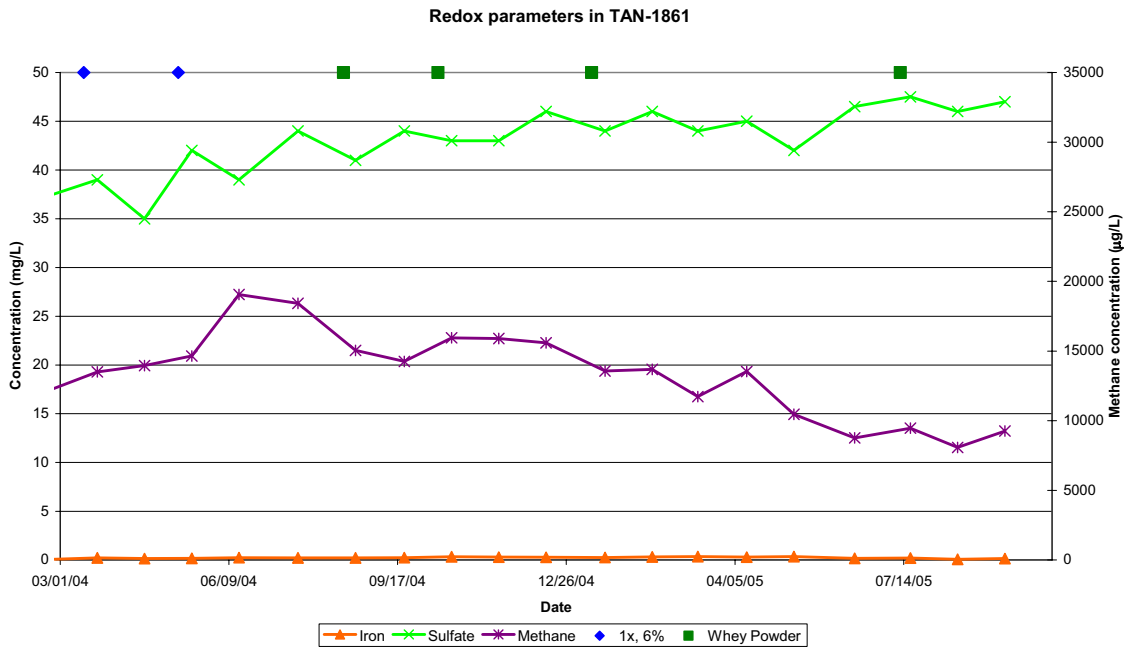

Figure B-32. Redox parameters at TAN-1861.

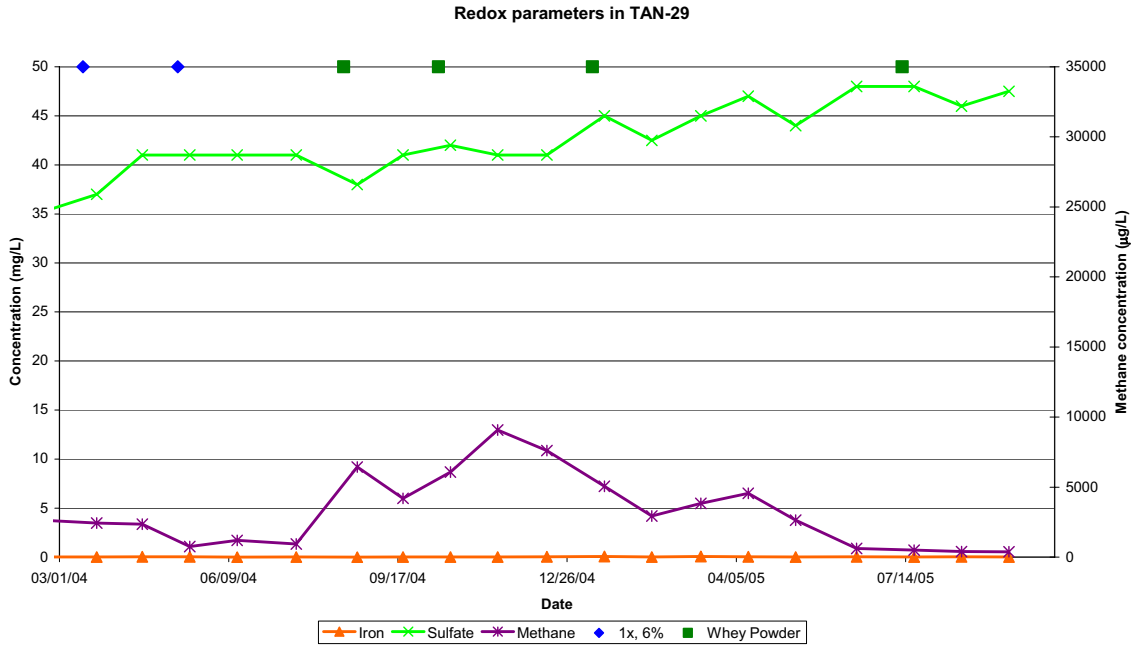

Figure B-33. Redox parameters at TAN-29.

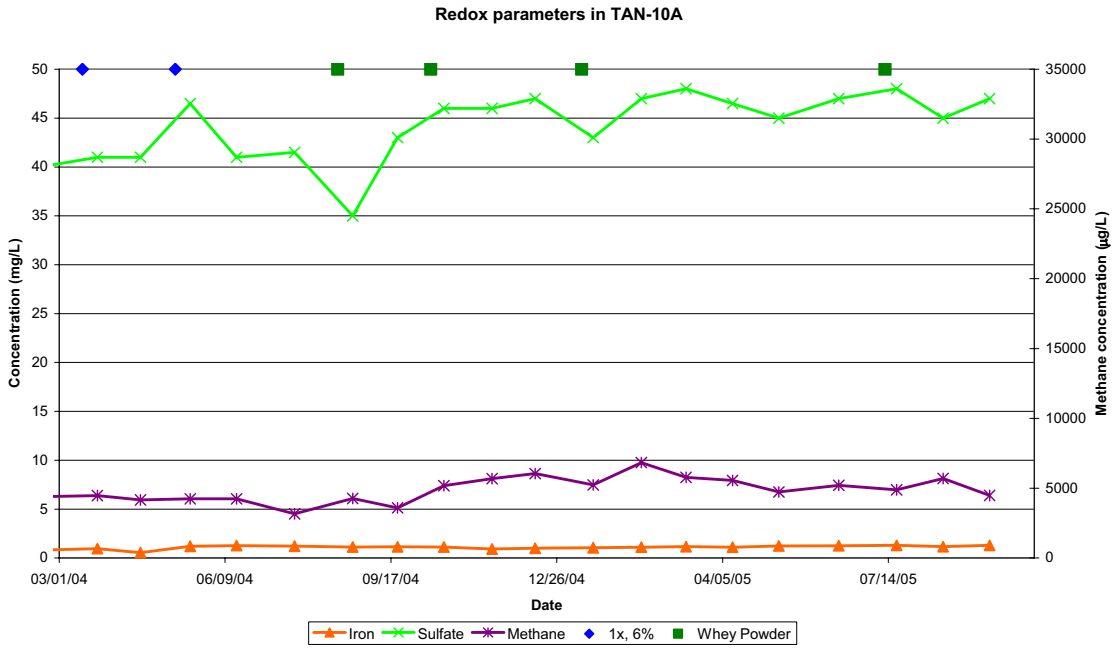

Figure B-34. Redox parameters at TAN-10A.

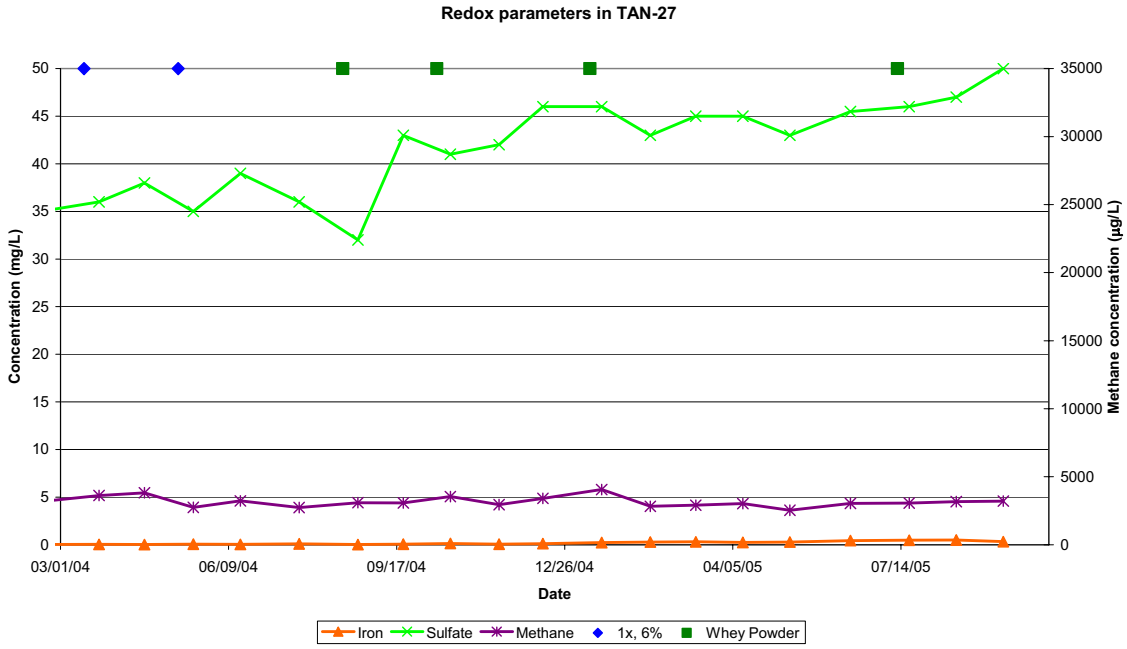

Figure B-35. Redox parameters at TAN-27.

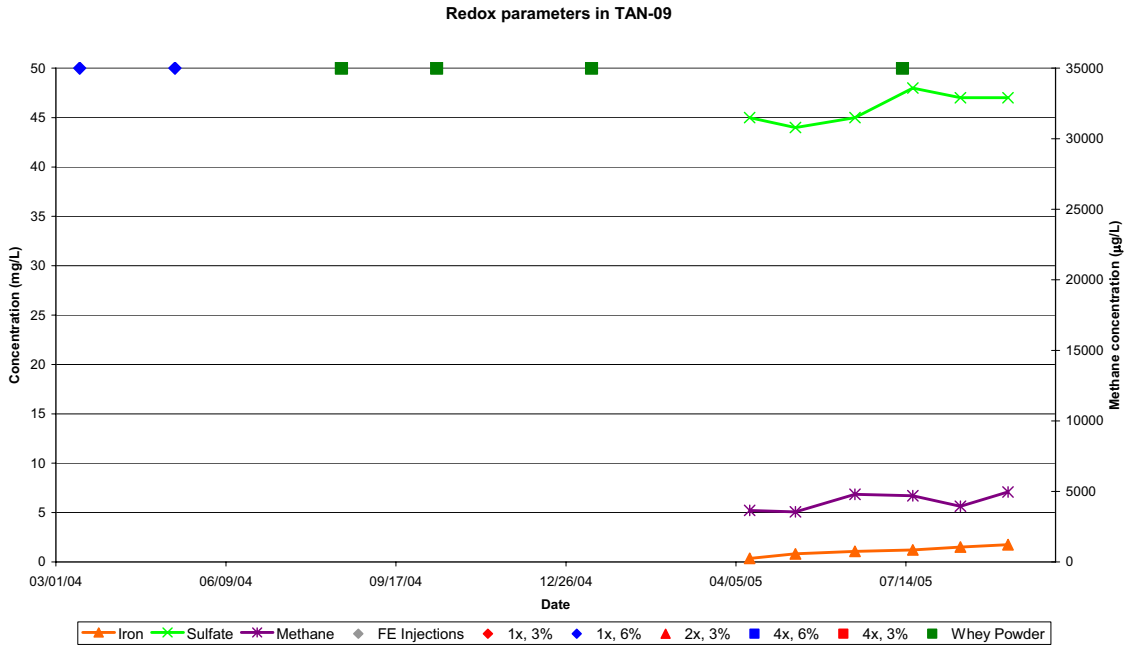

Figure B-36. Redox parameters at TAN-09.

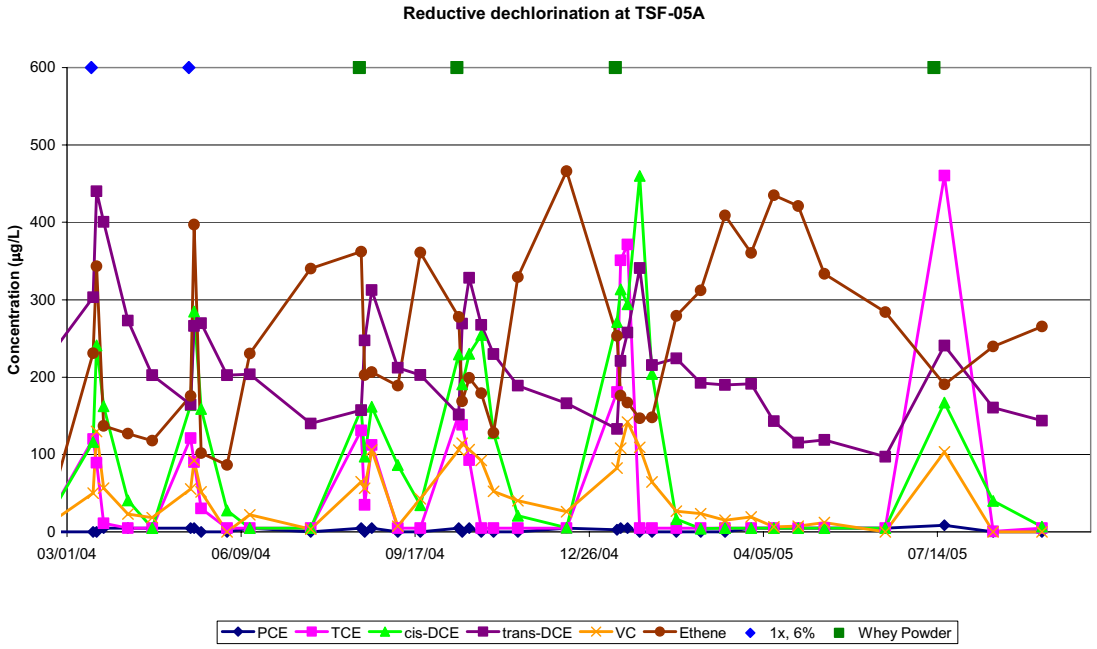

Figure B-37. VOC mass concentrations at TSF-05A.

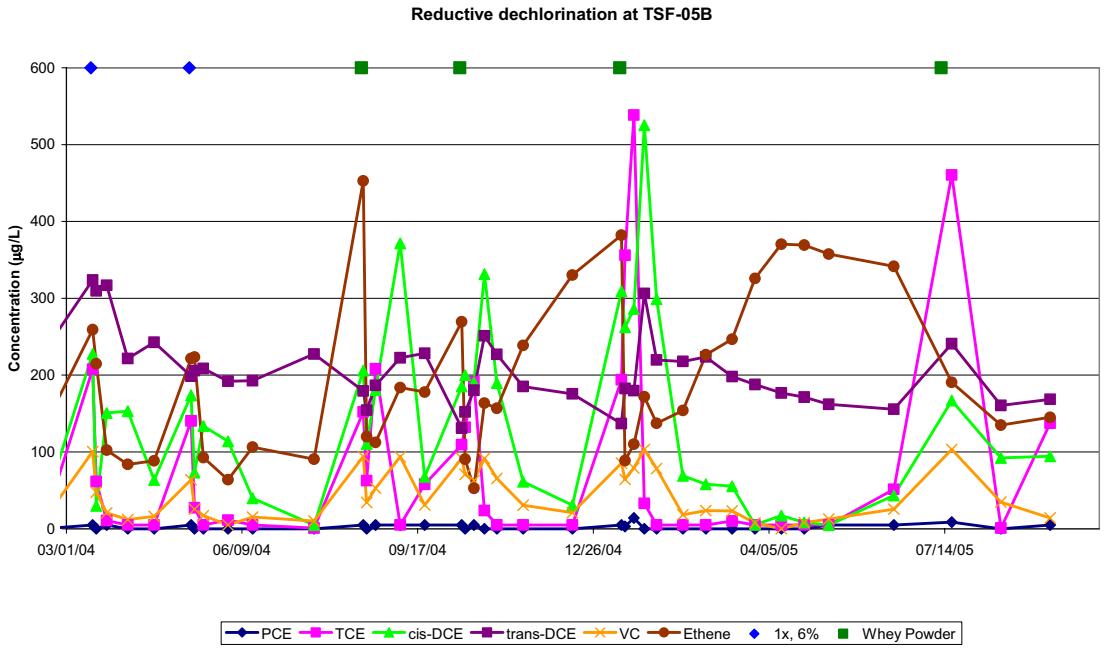

Figure B-38. VOC mass concentrations at TSF-05B.

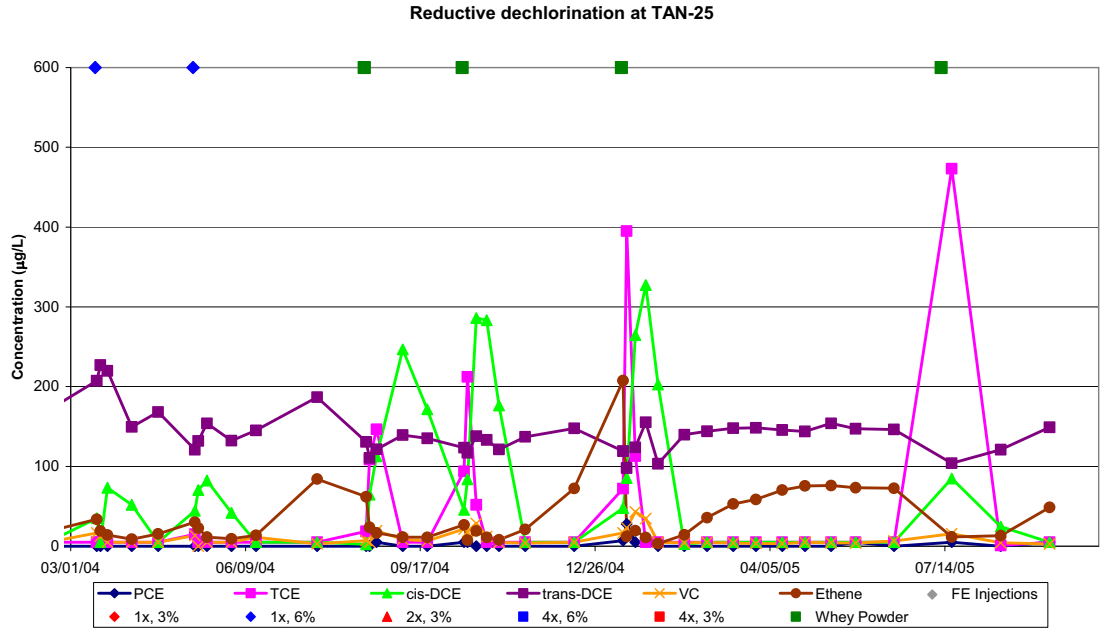

Figure B-39. VOC mass concentrations at TAN-25.

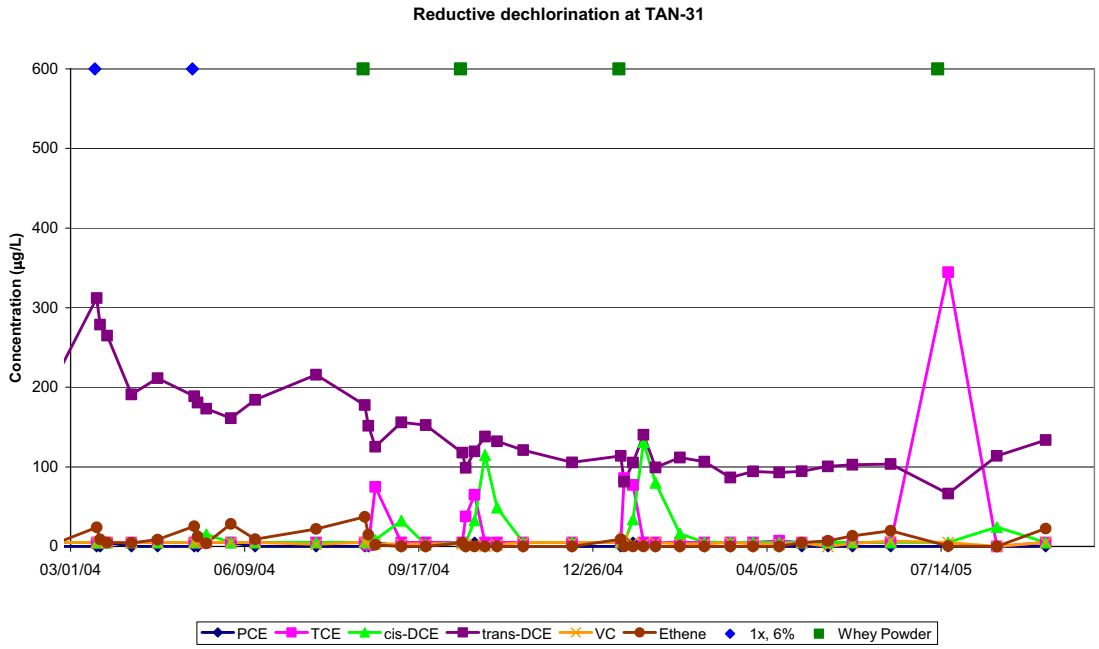

Figure B-40. VOC mass concentrations at TAN-31.

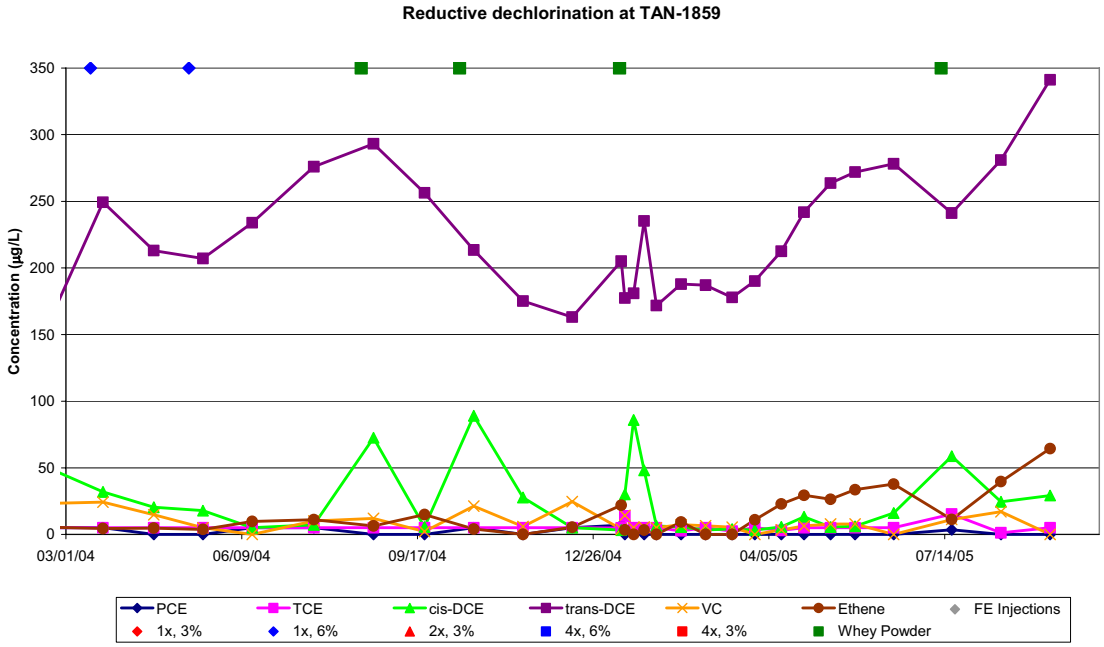

Figure B-41. VOC mass concentrations at TAN-1859.

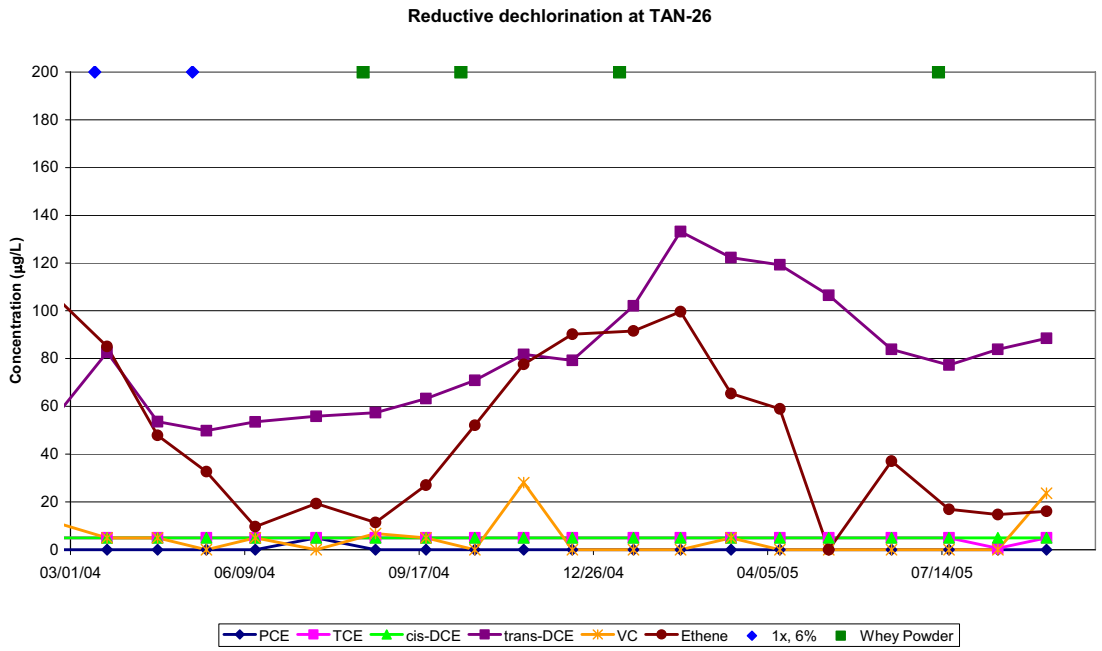

Figure B-42. VOC mass concentrations at TAN-26.

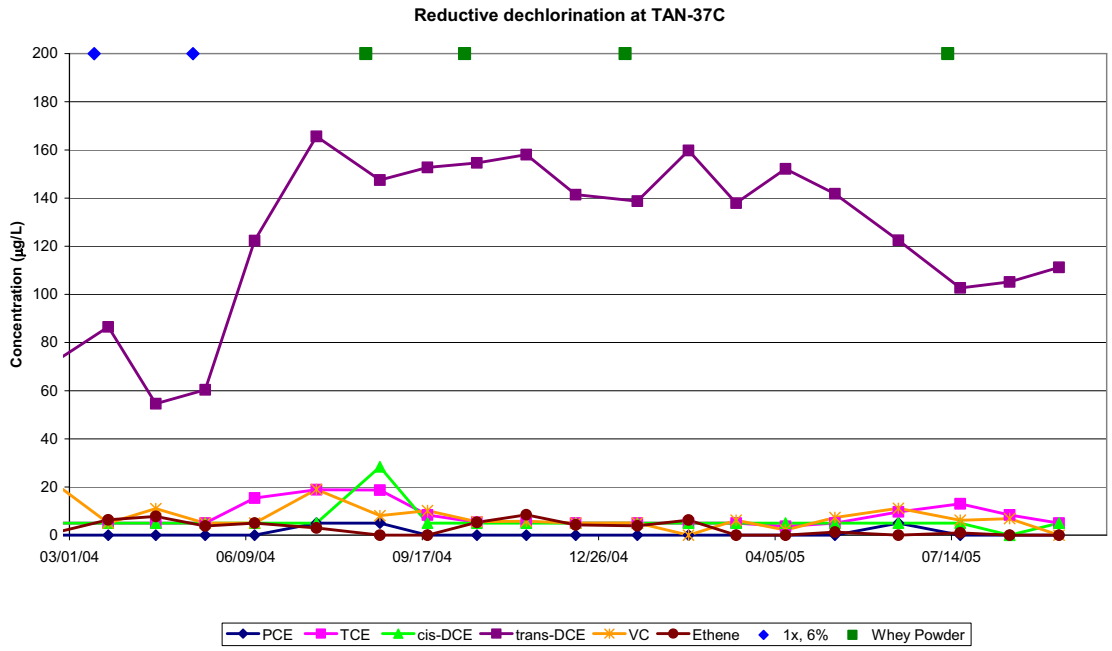

Figure B-43. VOC mass concentrations at TAN-37C.

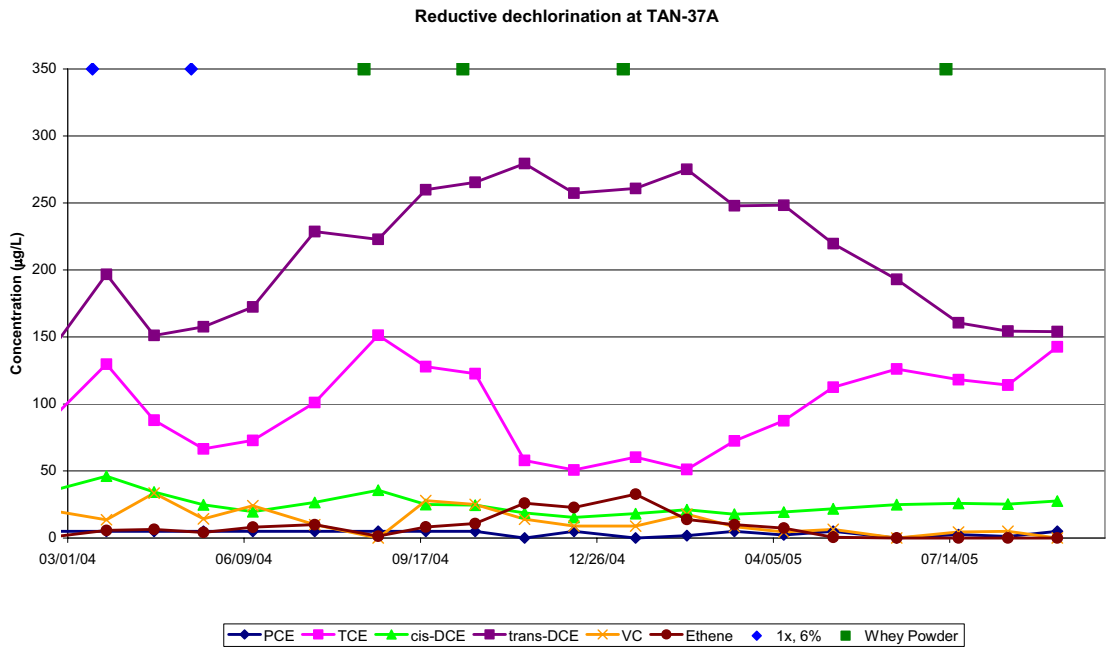

Figure B-44. VOC mass concentrations at TAN-37A.

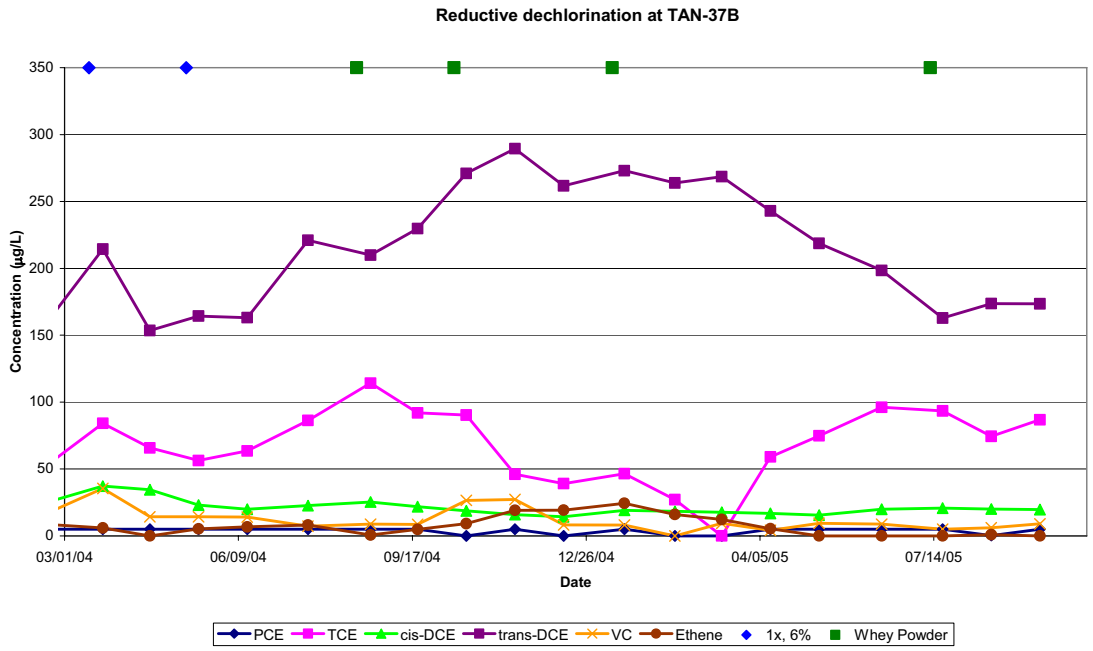

Figure B-45. VOC mass concentrations at TAN-37B.

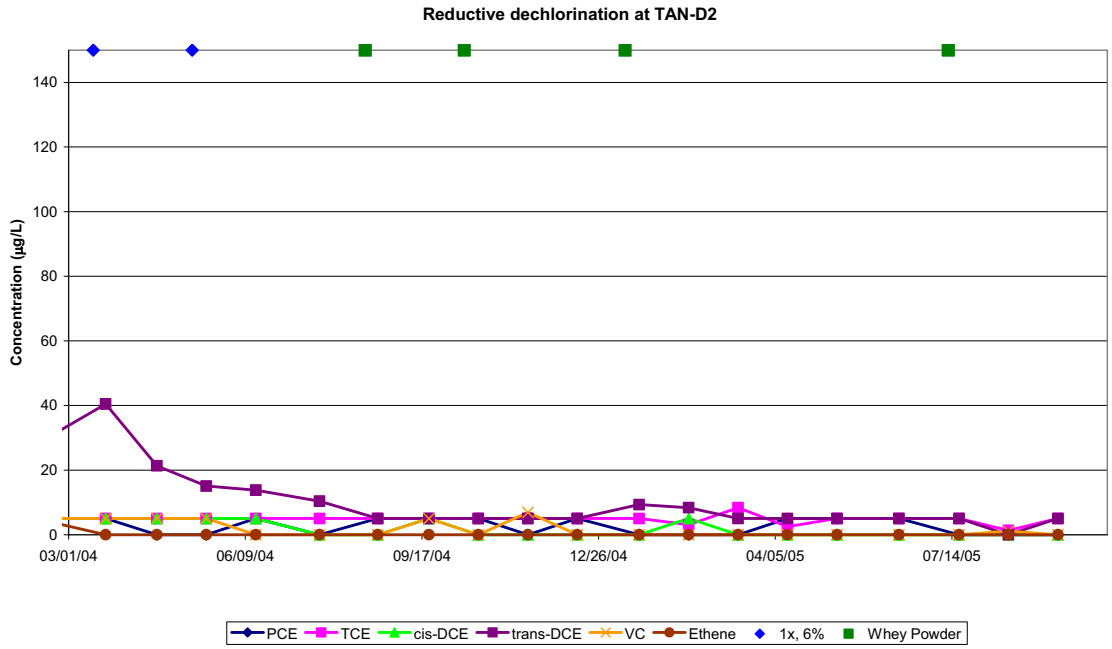

Figure B-46. VOC mass concentrations at TAN-D2.

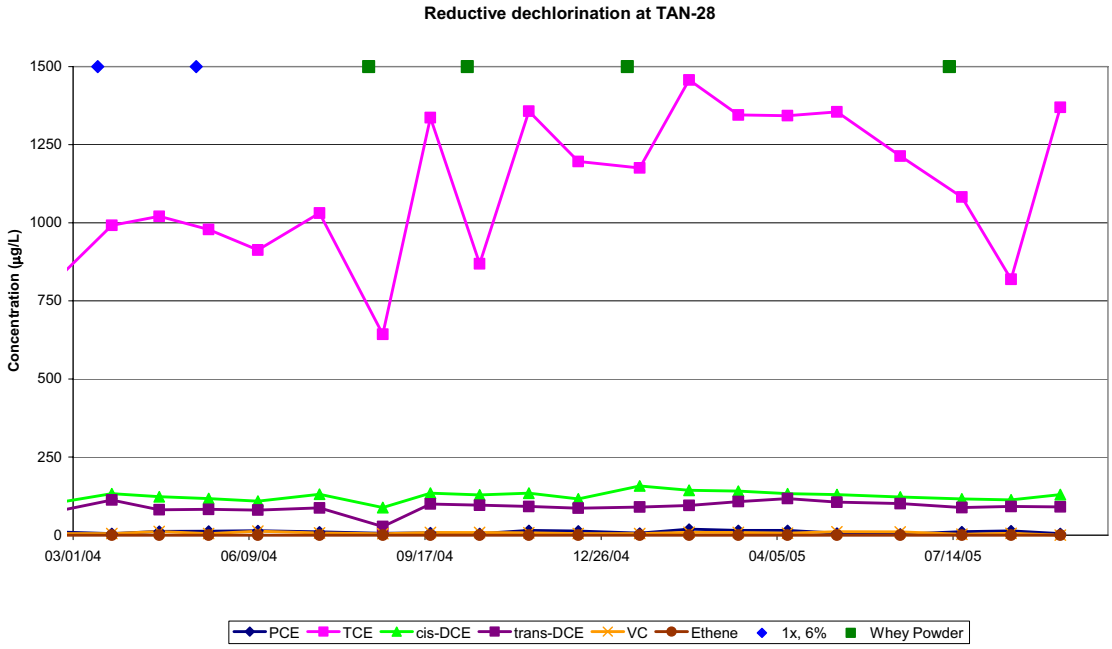

Figure B-47. VOC mass concentrations at TAN-28.

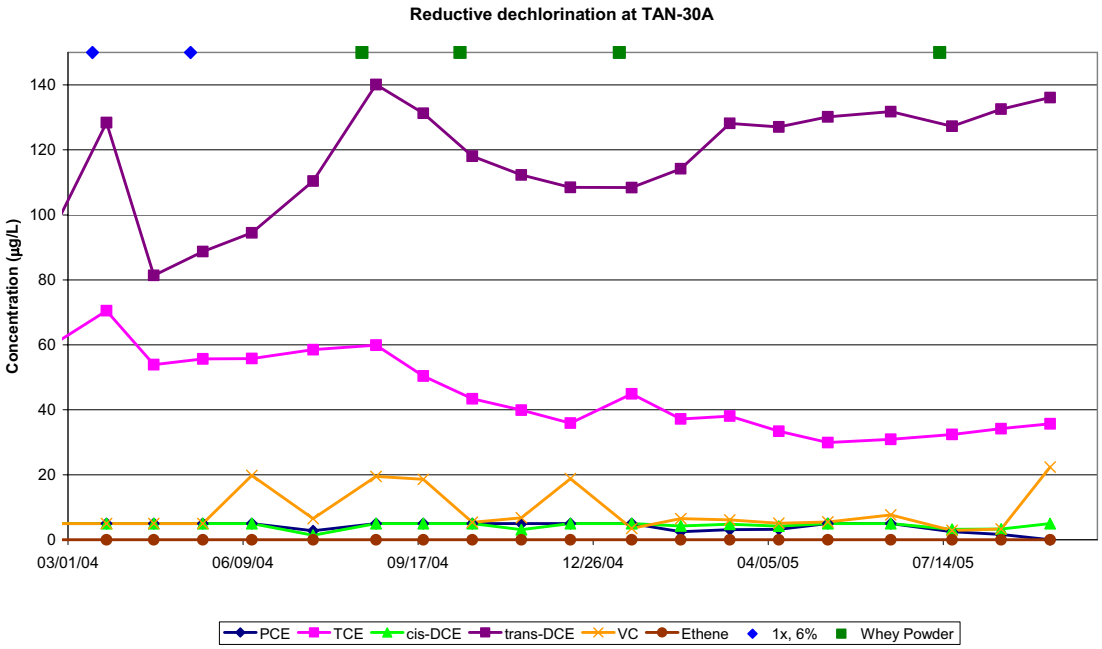

Figure B-48. VOC mass concentrations at TAN-30A.

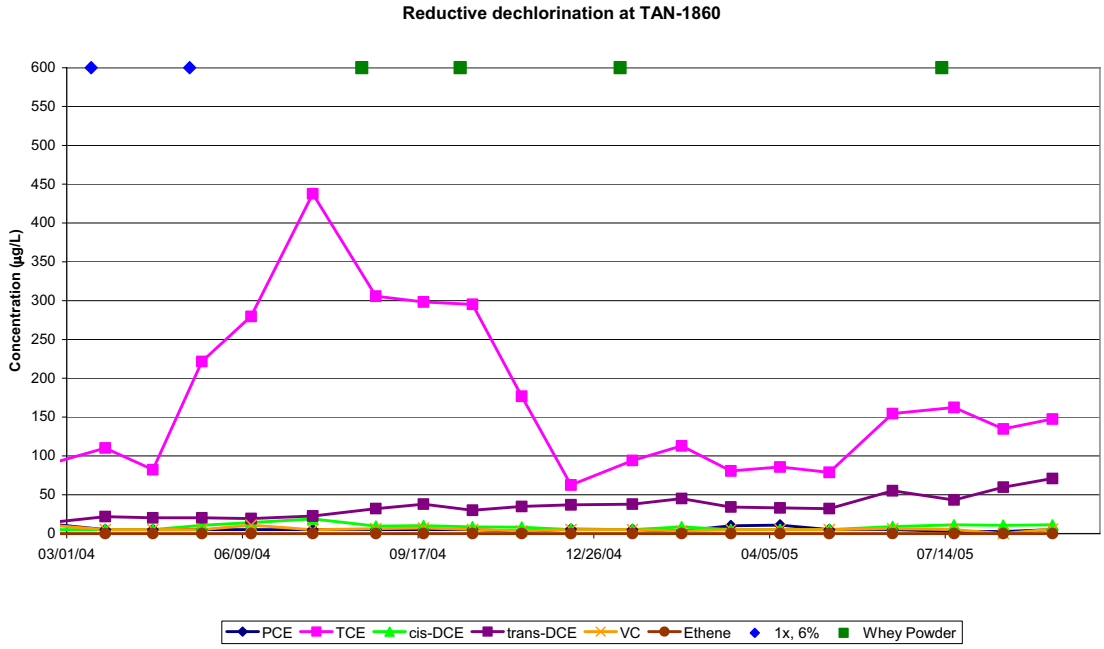

Figure B-49. VOC mass concentrations at TAN-1860.

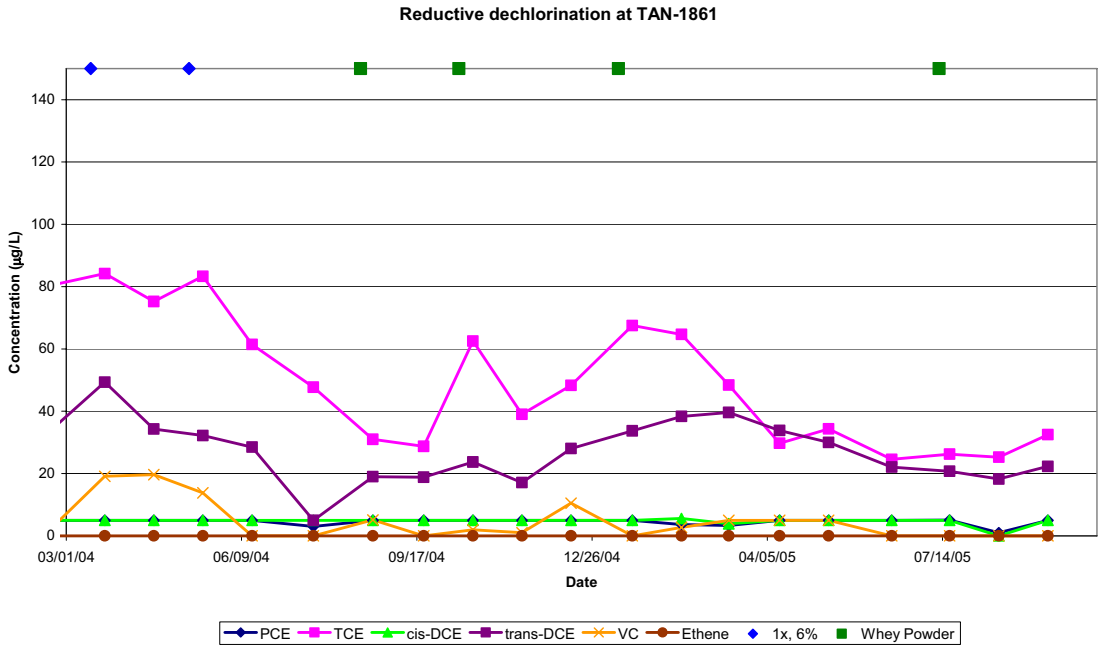

Figure B-50. VOC mass concentrations at TAN-1861.

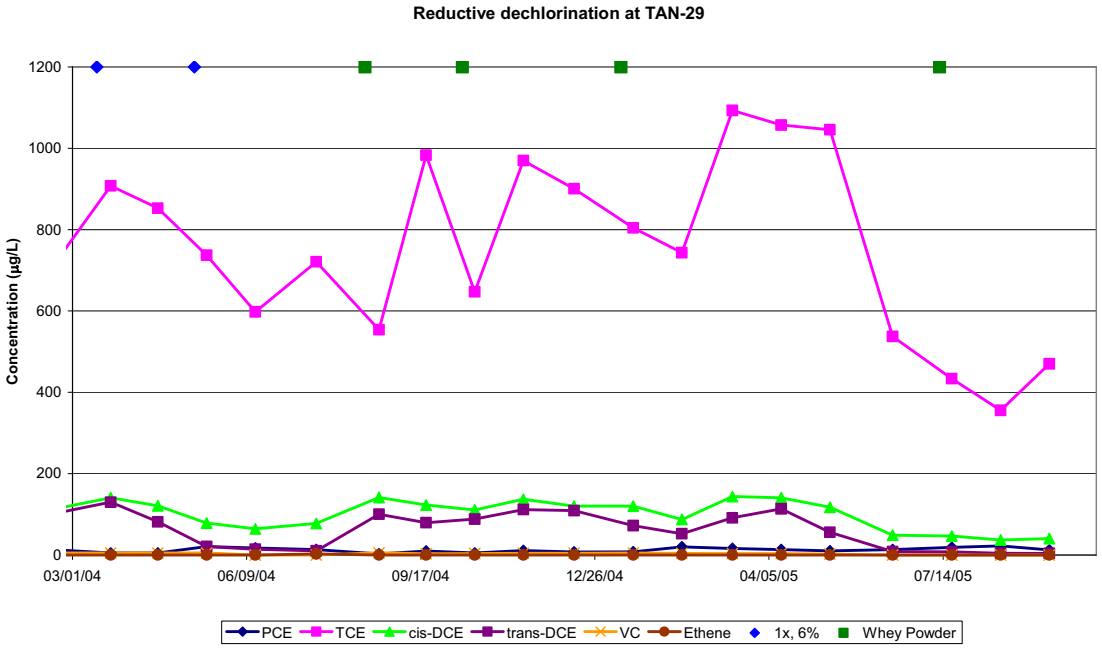

Figure B-51. VOC mass concentrations at TAN-29.

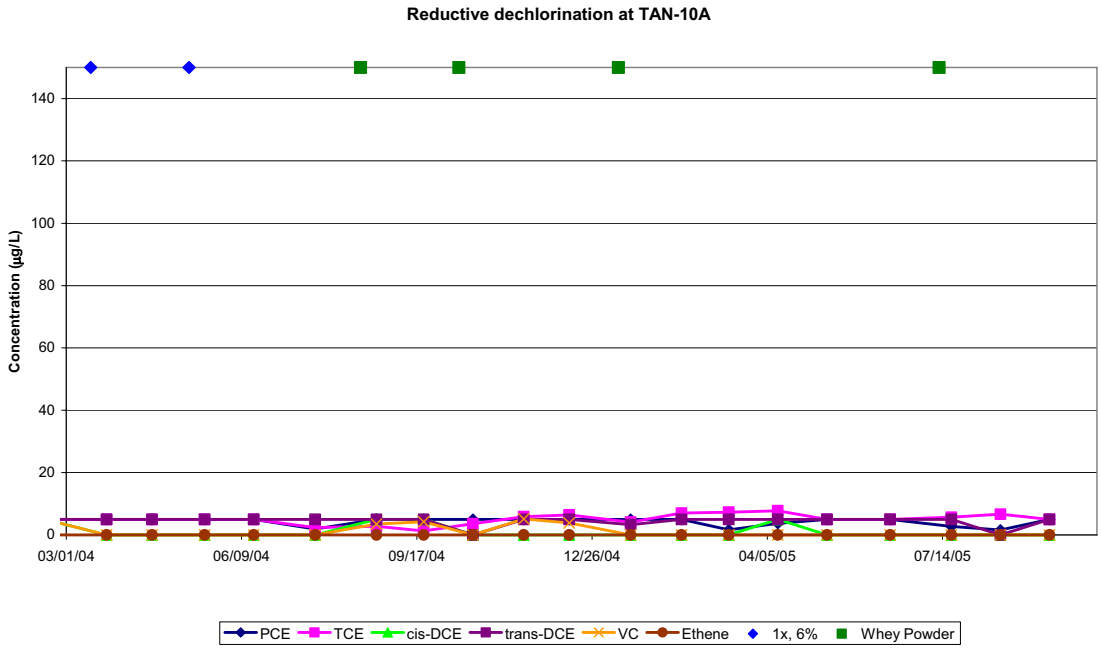

Figure B-52. VOC mass concentrations at TAN-10A.

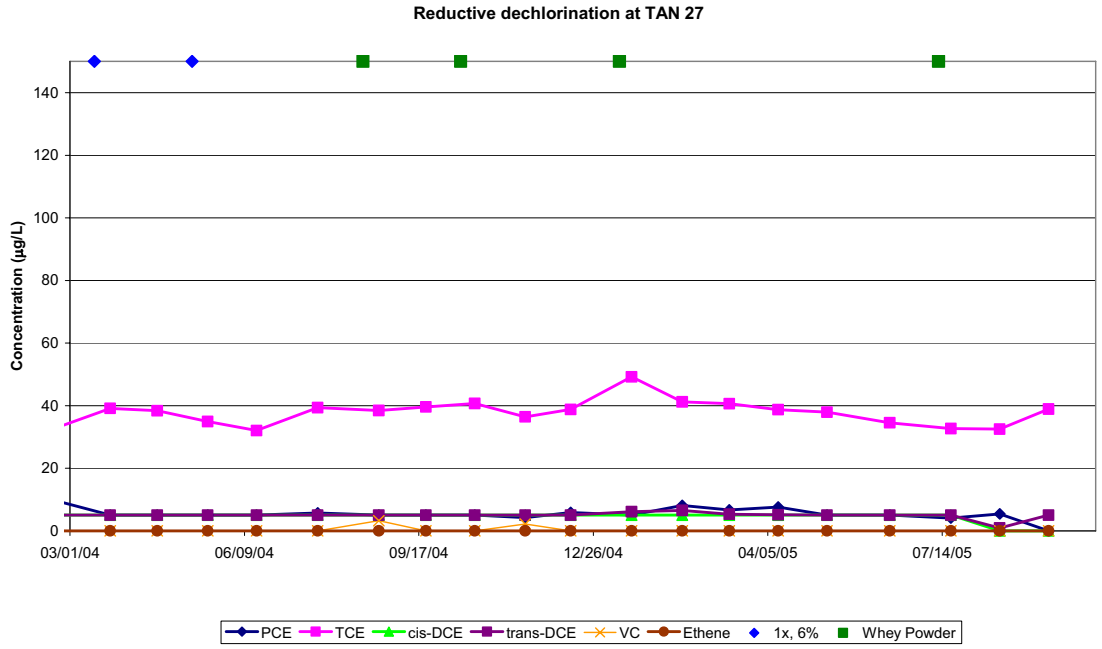

Figure B-53. VOC mass concentrations at TAN-27.

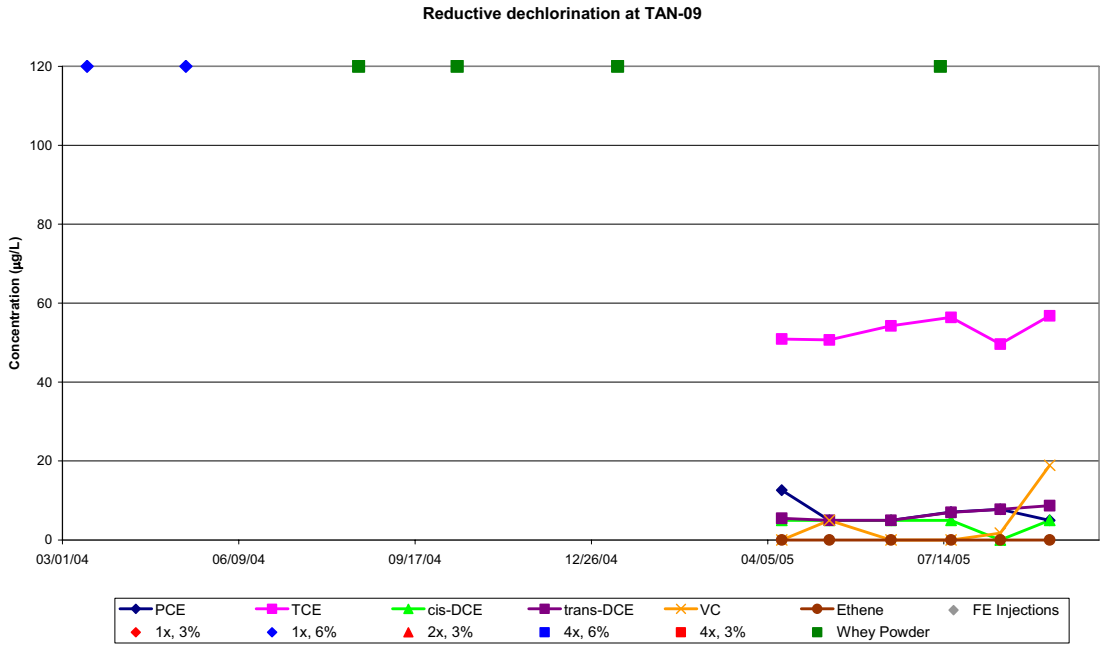

Figure B-54. VOC mass concentrations at TAN-09.

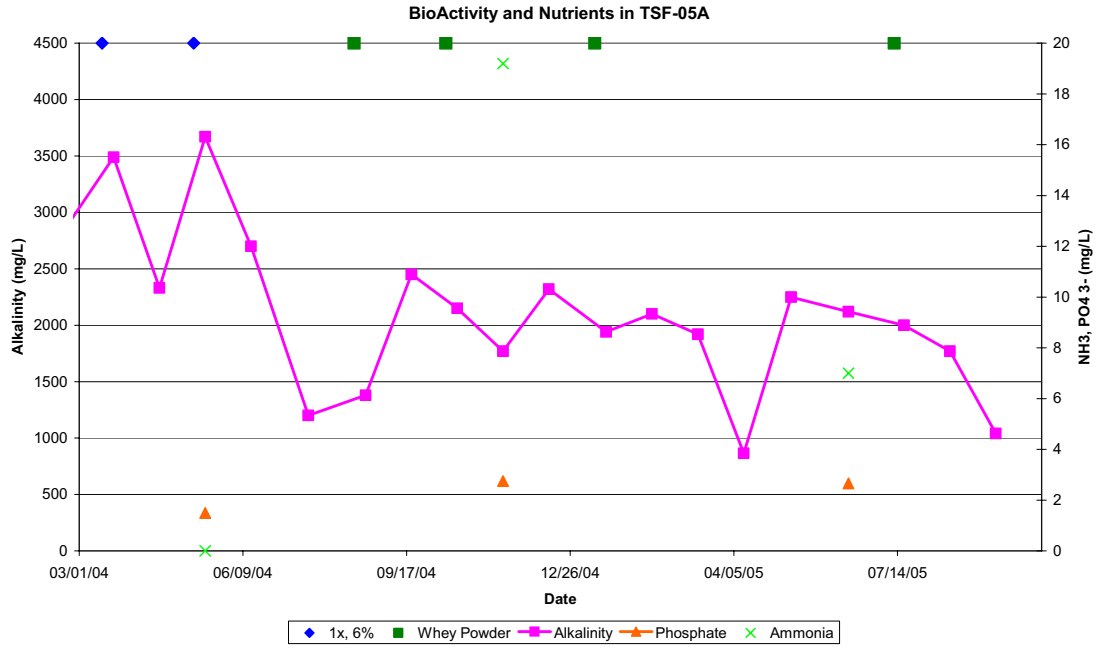

Figure B-55. Bioactivity and nutrients at TSF-05A.

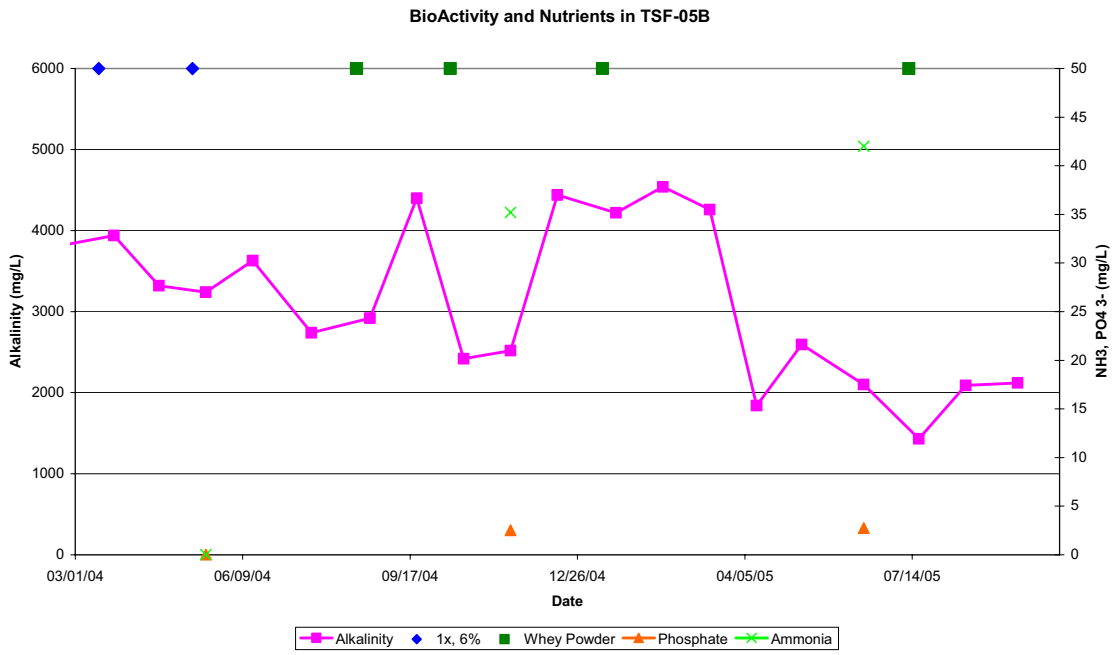

Figure B-56. Bioactivity and nutrients at TSF-05B.

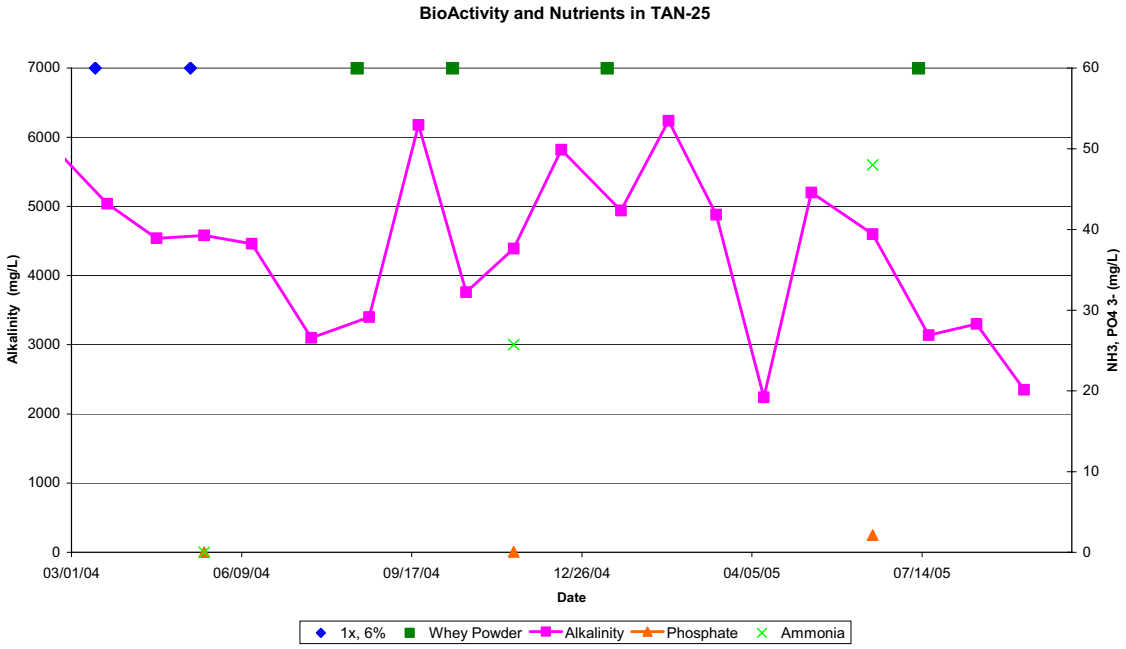

Figure B-57. Bioactivity and nutrients at TAN-25.

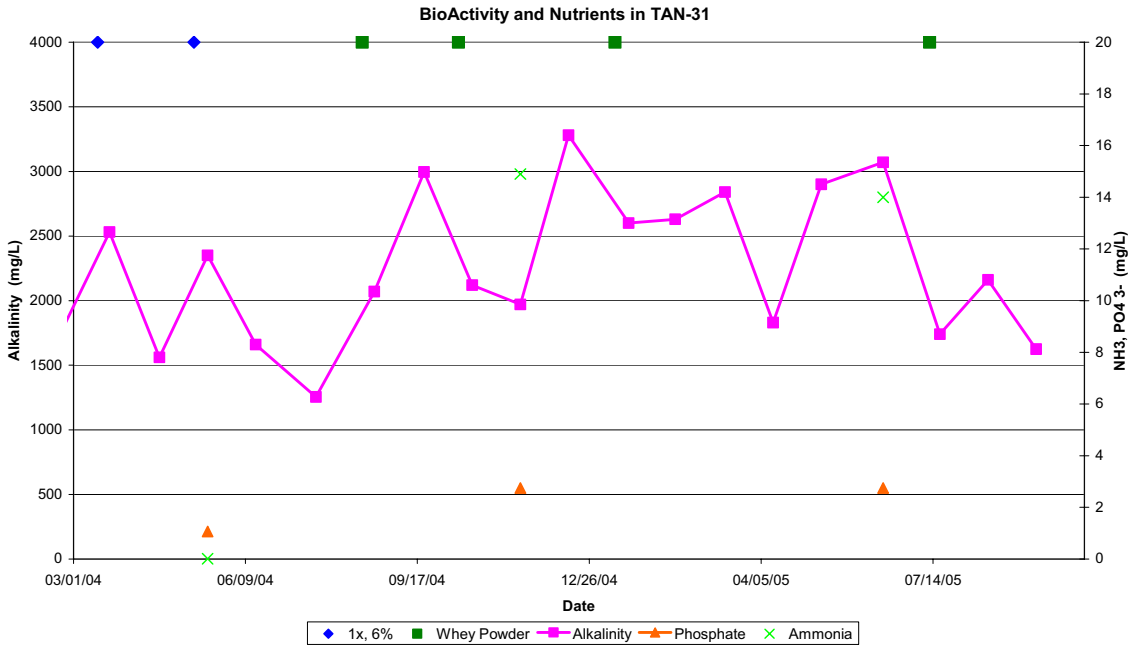

Figure B-58. Bioactivity and nutrients at TAN-31.

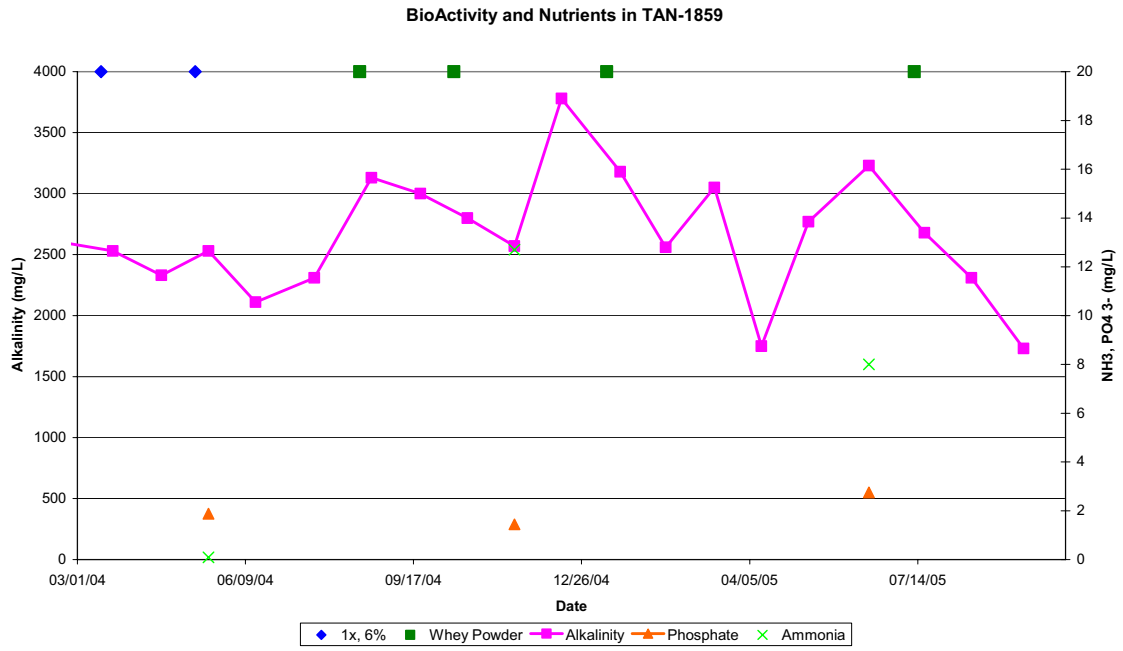

Figure B-59. Bioactivity and nutrients at TAN-1859.

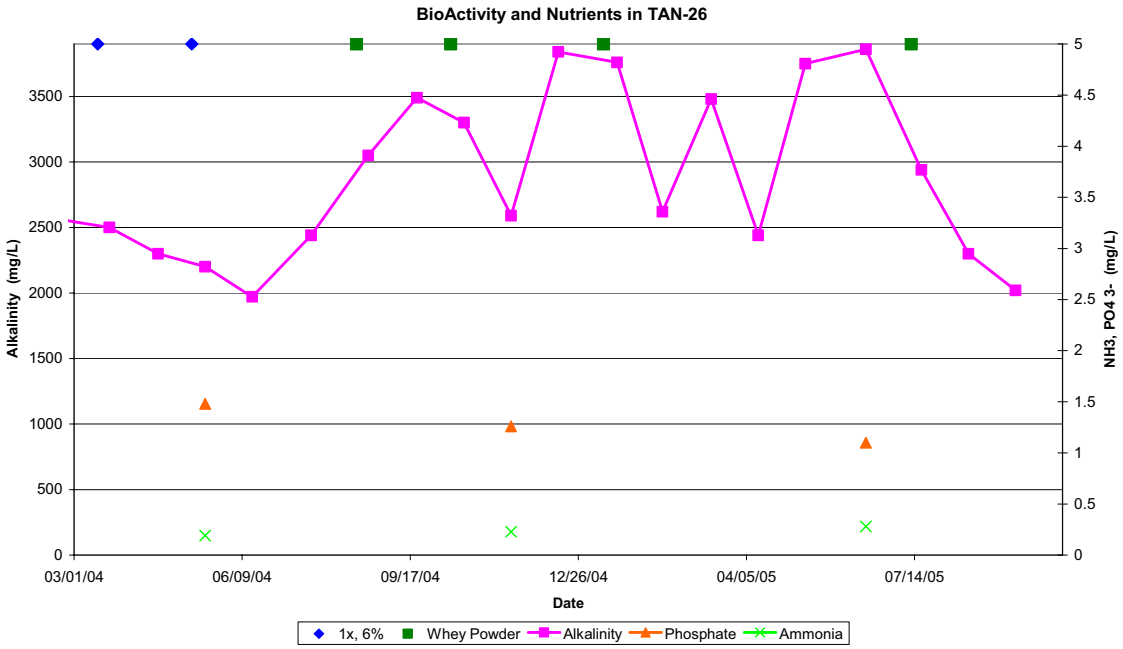

Figure B-60. Bioactivity and nutrients at TAN-26.

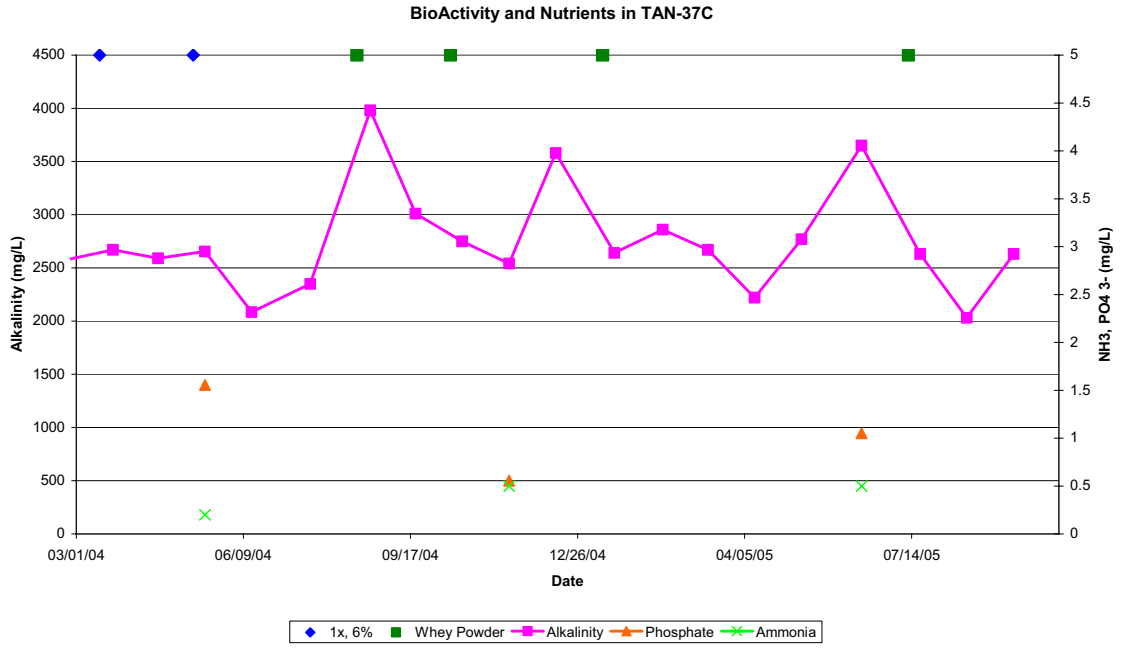

Figure B-61. Bioactivity and nutrients at TAN-37C.

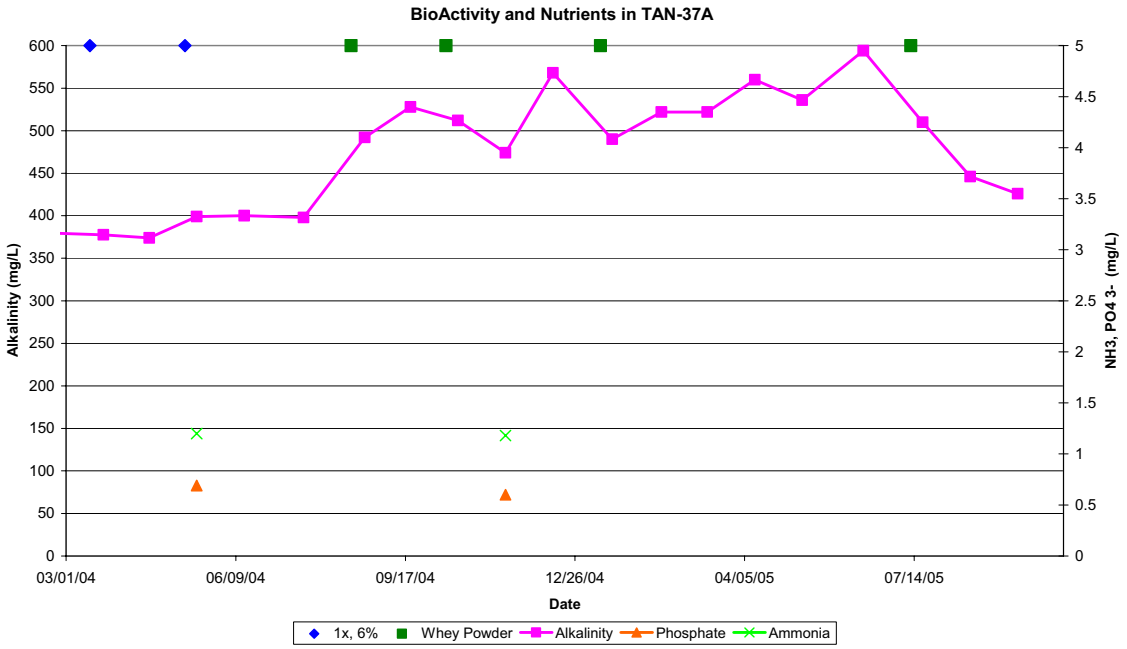

Figure B-62. Bioactivity and nutrients at TAN-37A.

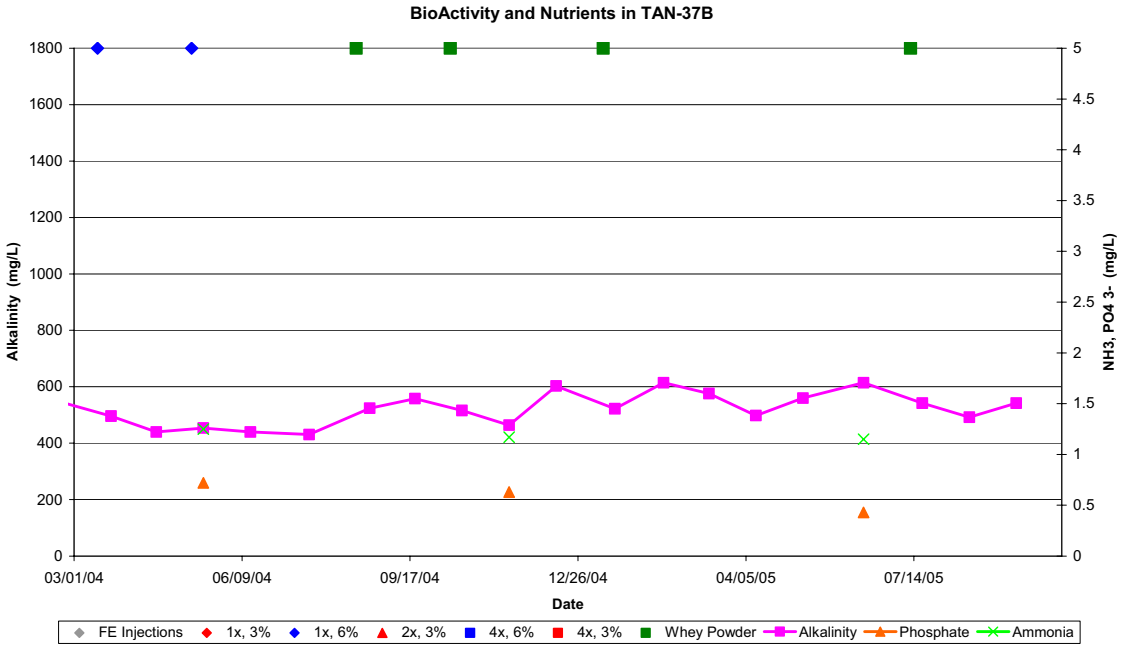

Figure B-63. Bioactivity and nutrients at TAN-37B.

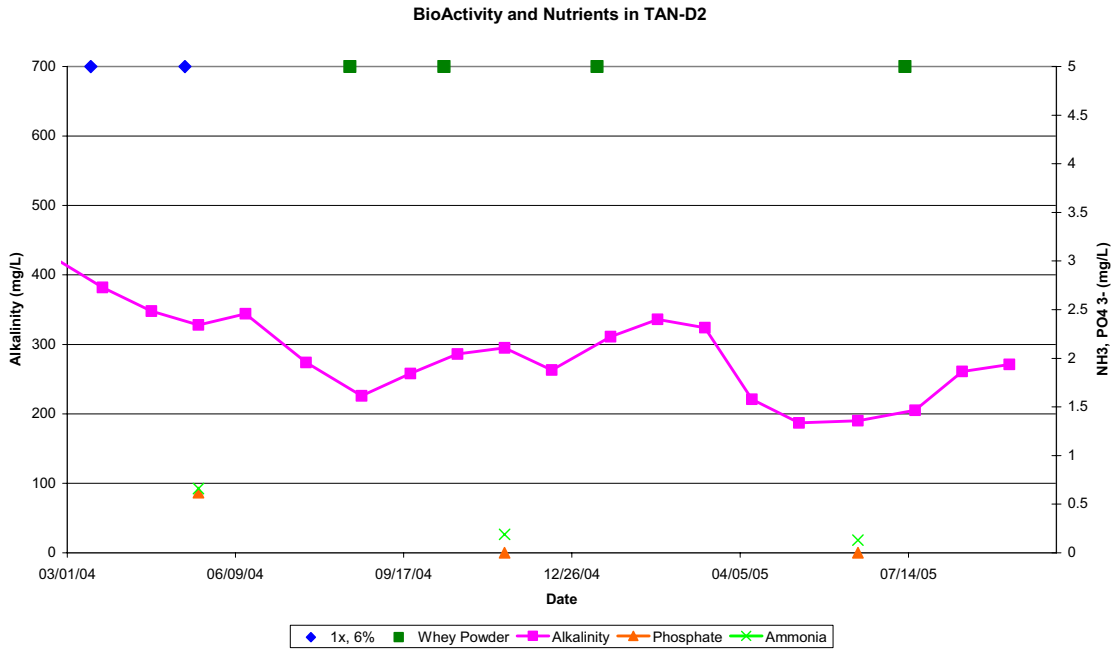

Figure B-64. Bioactivity and nutrients at TAN-D2.

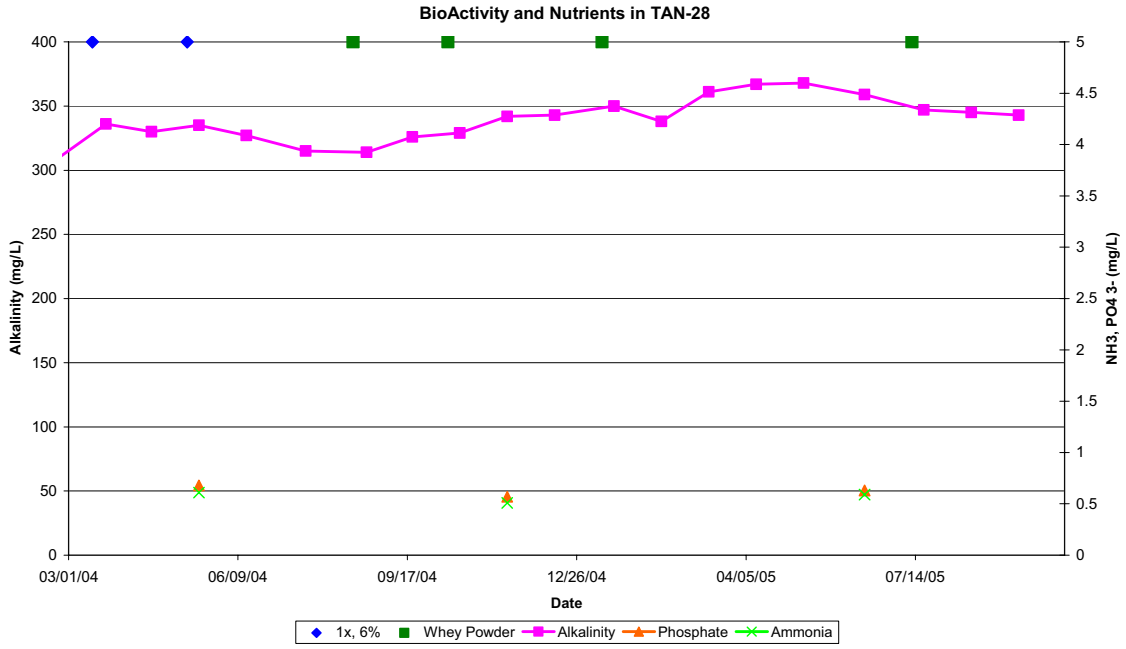

Figure B-65. Bioactivity and nutrients at TAN-28.

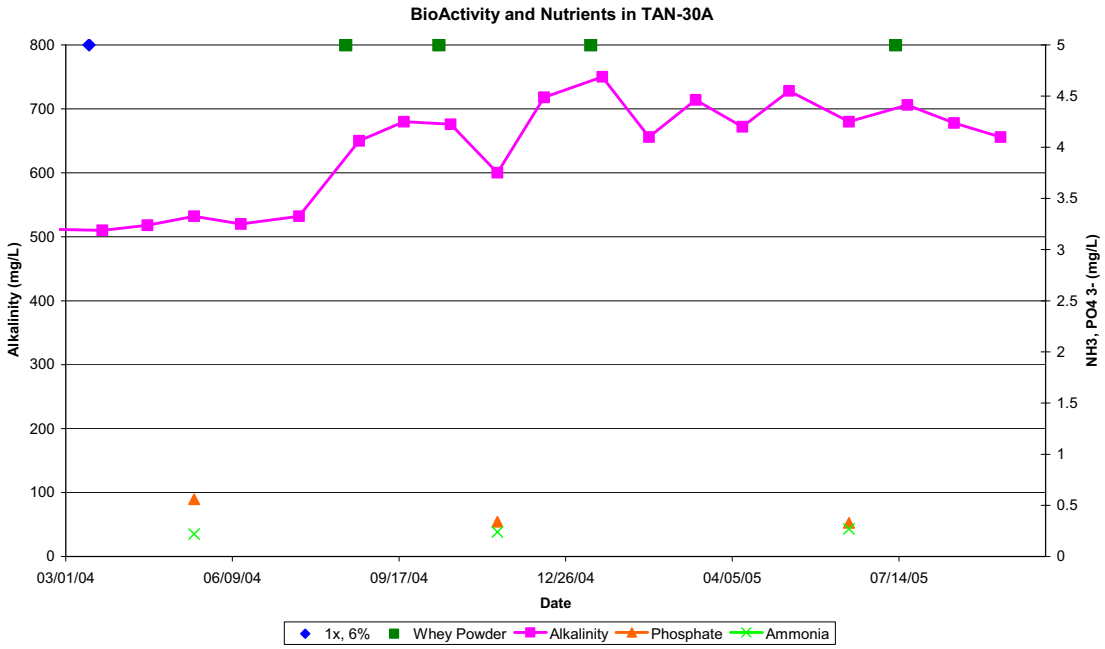

Figure B-66. Bioactivity and nutrients at TAN-30A.

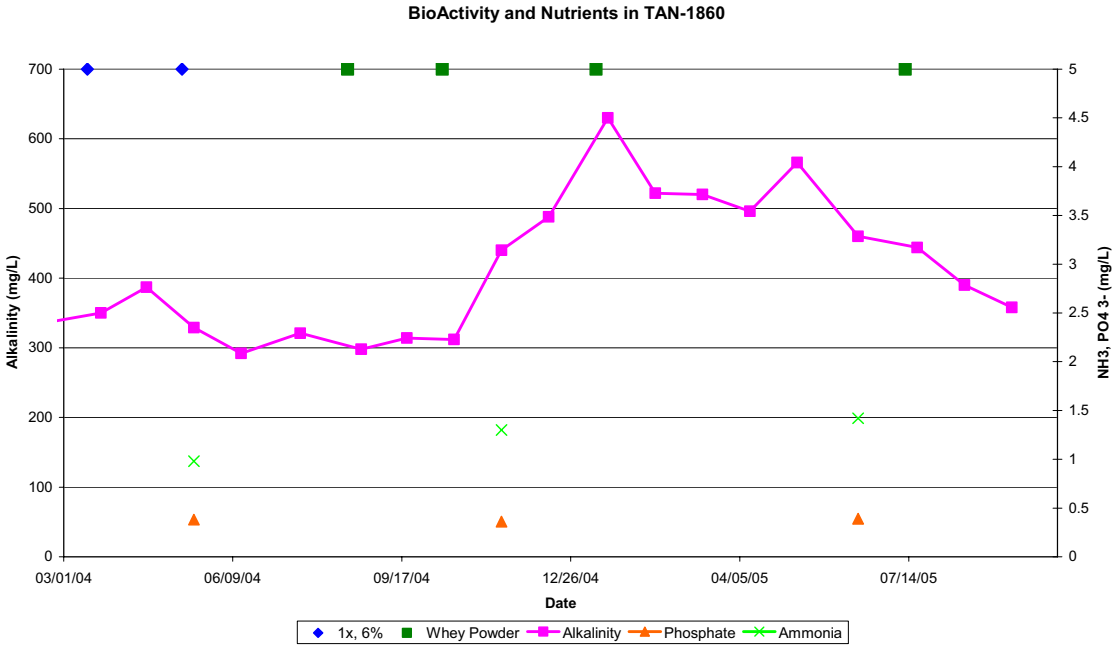

Figure B-67. Bioactivity and nutrients at TAN-1860.

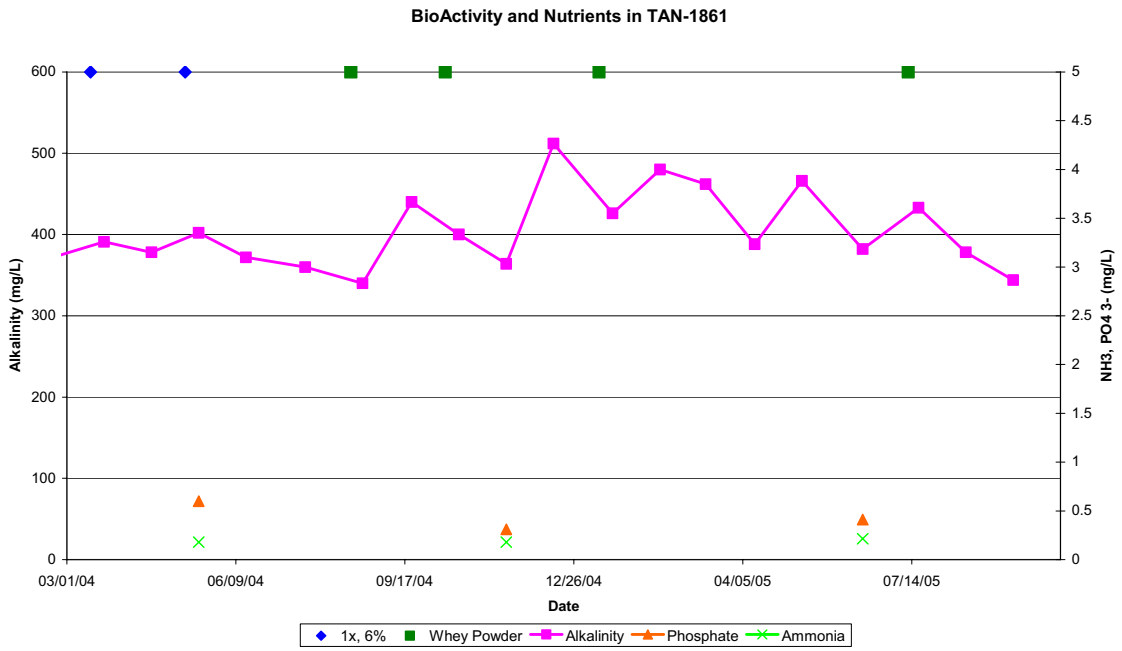

Figure B-68. Bioactivity and nutrients at TAN-1861.

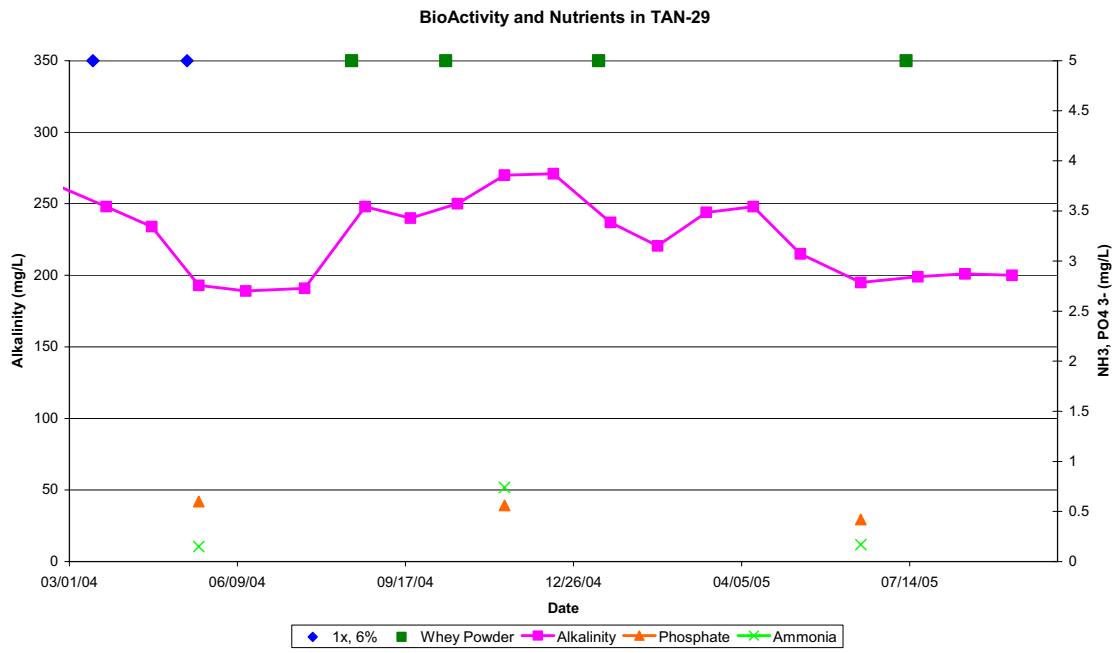

Figure B-69. Bioactivity and nutrients at TAN-29.

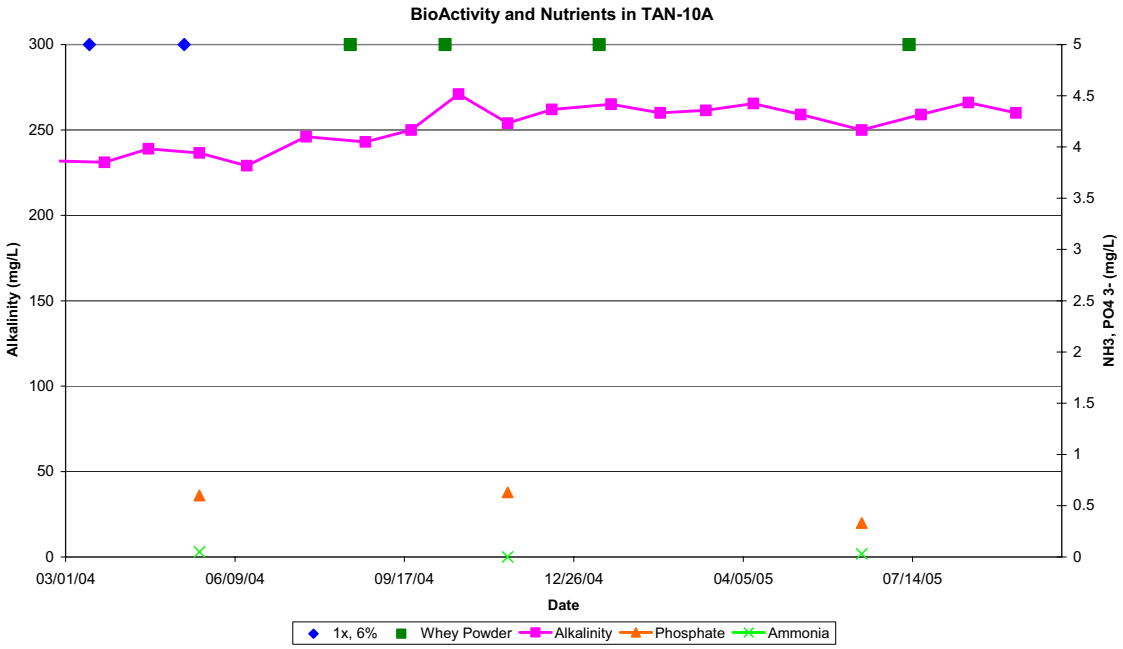

Figure B-70. Bioactivity and nutrients at TAN-10A.

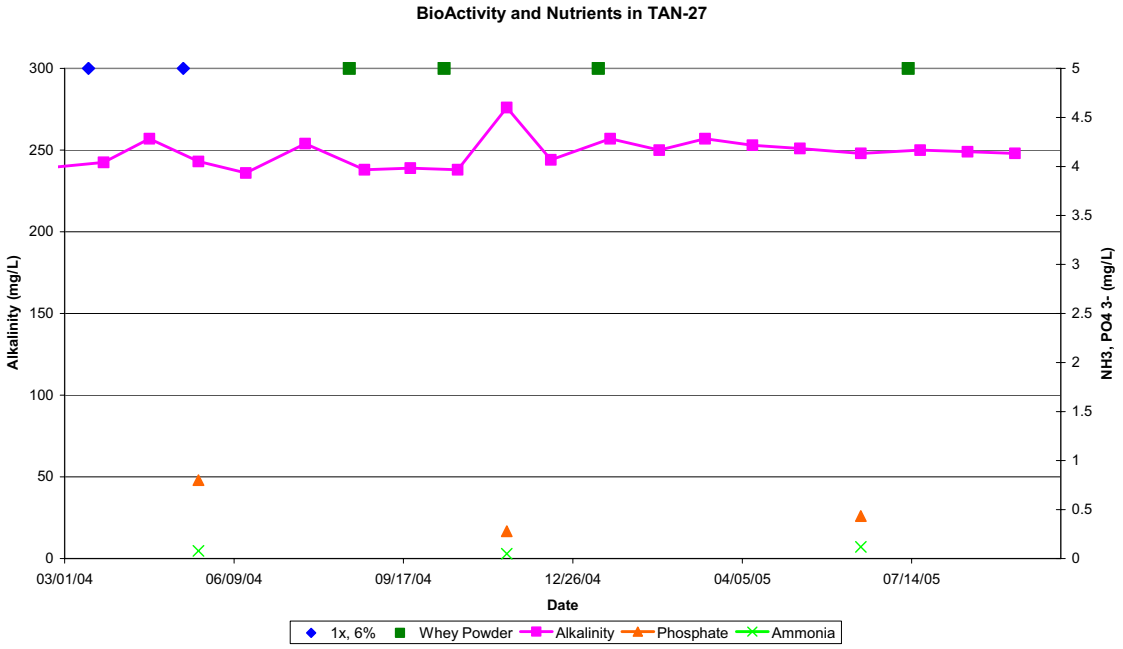

Figure B-71. Bioactivity and nutrients at TAN-27.

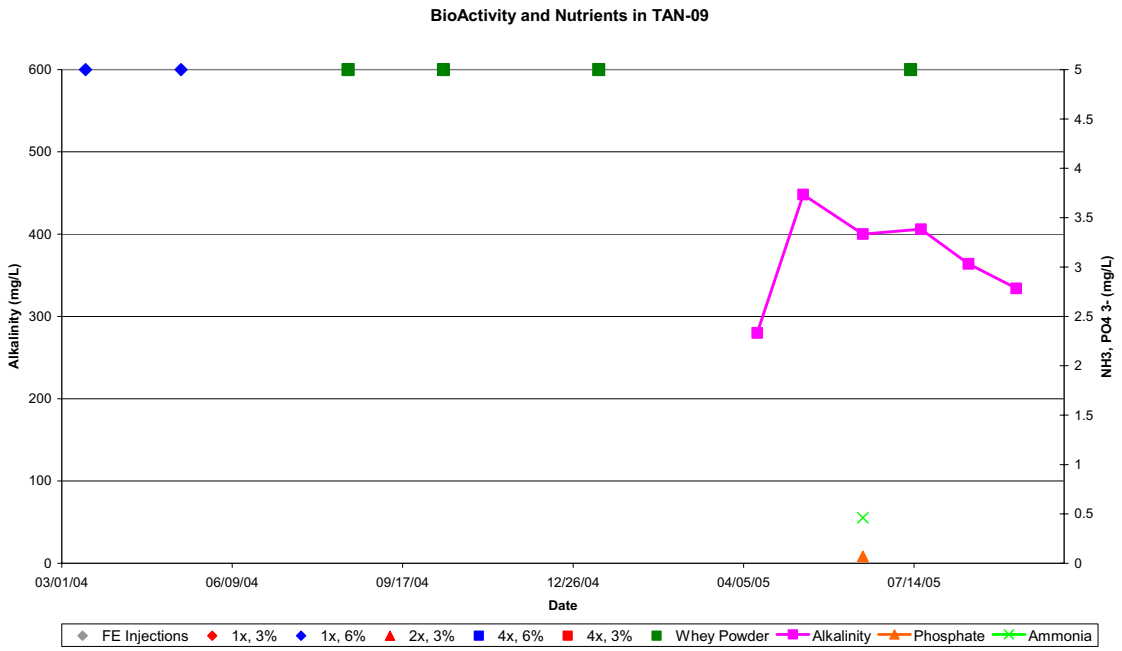

Figure B-72. Bioactivity and nutrients at TAN-09.

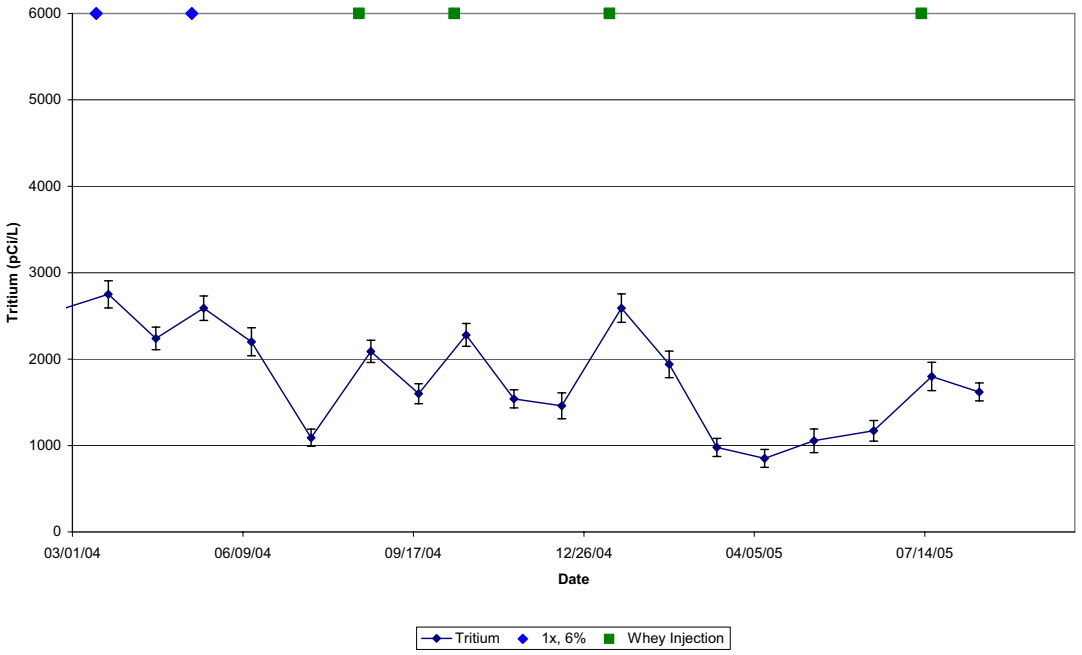

Figure B-73. Tritium concentrations at TSF-05A.

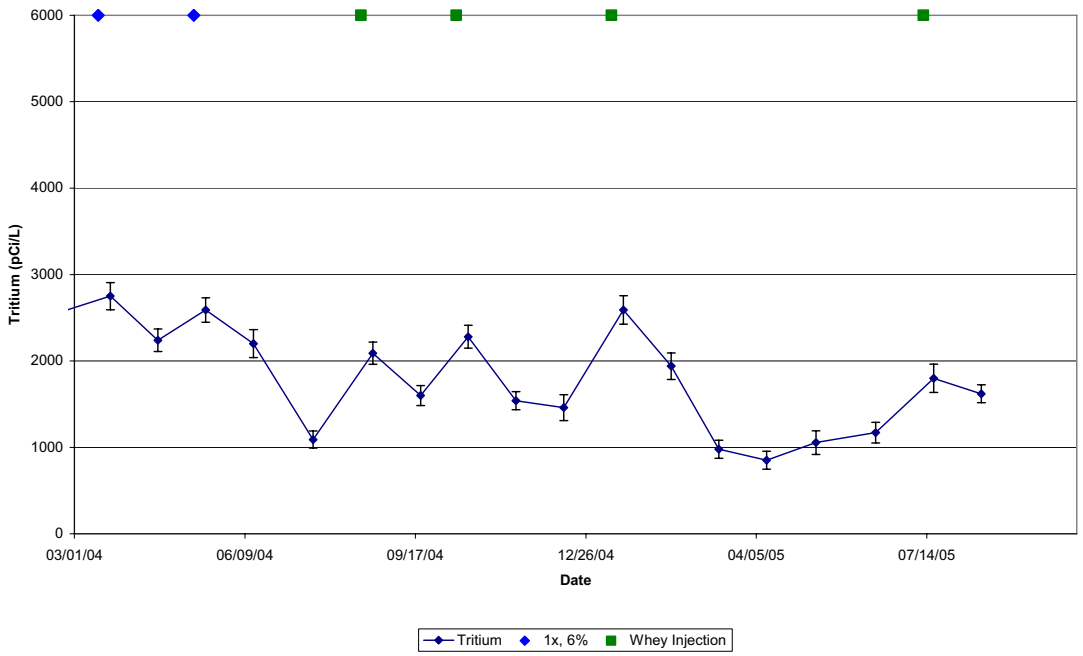

Figure B-74. Tritium concentrations at TSF-05B.

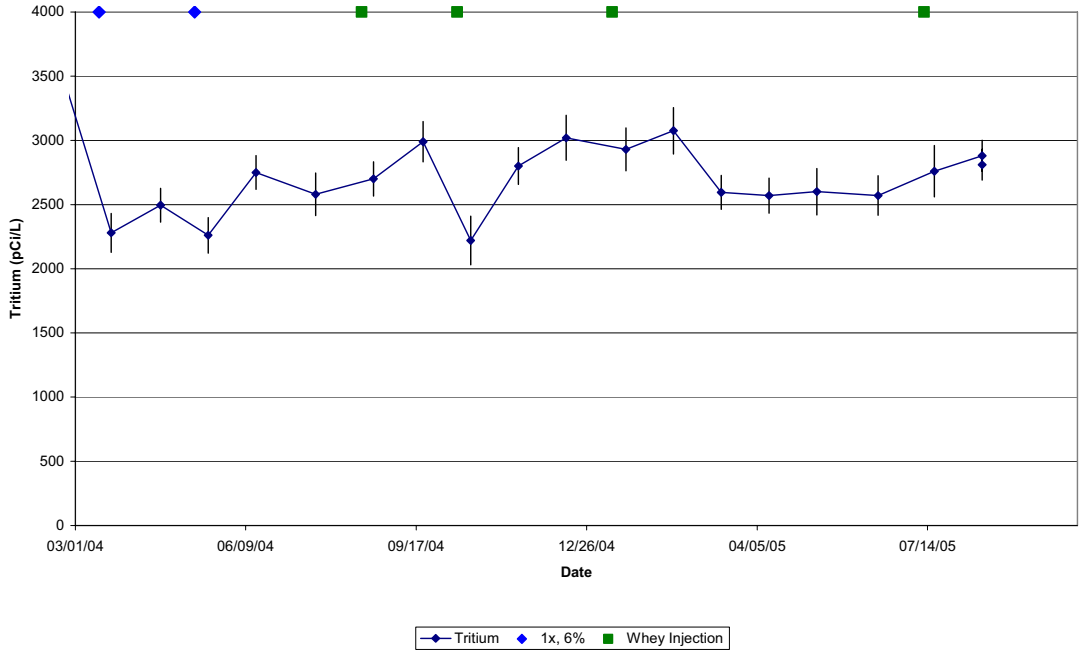

Figure B-75. Tritium concentrations at TAN-25

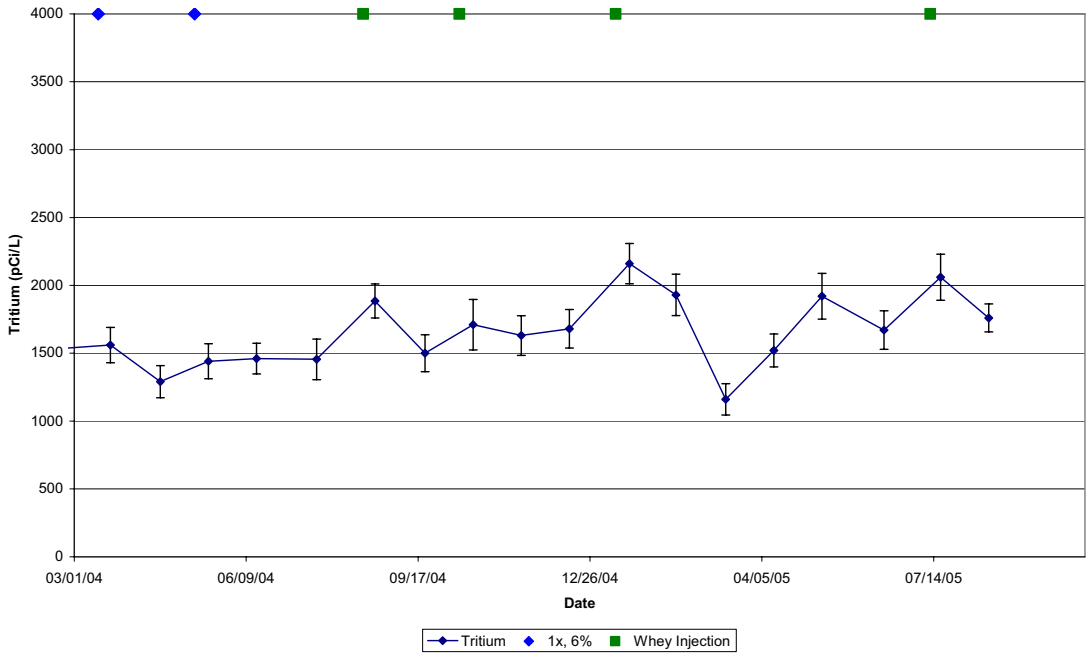

Figure B-76. Tritium concentrations at TAN-31

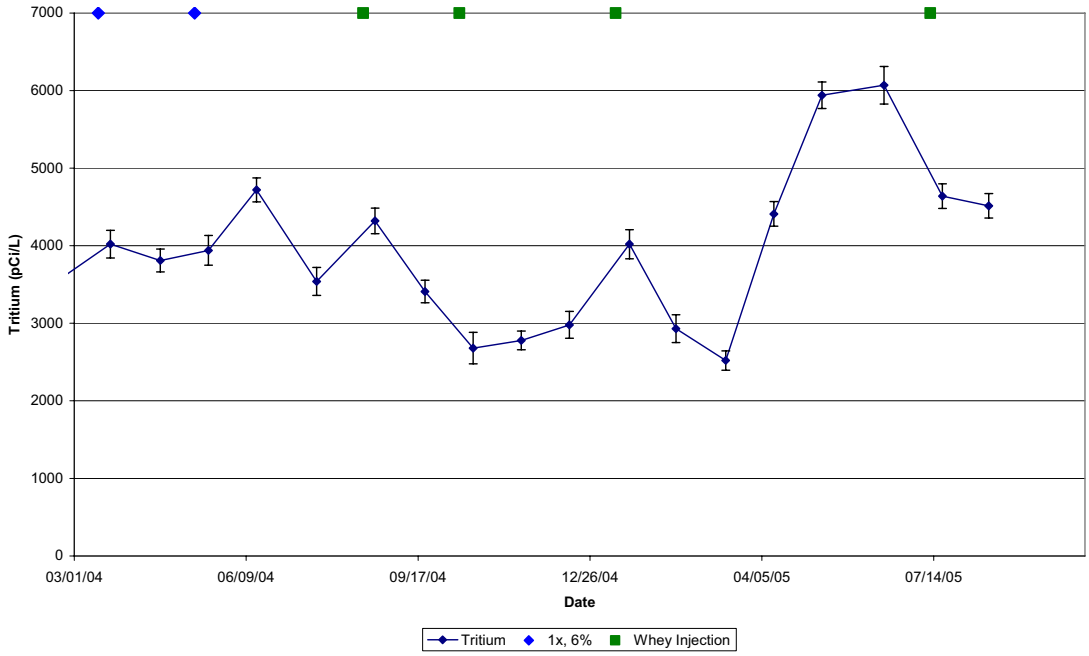

Figure B-77. Tritium concentrations at TAN-1859.

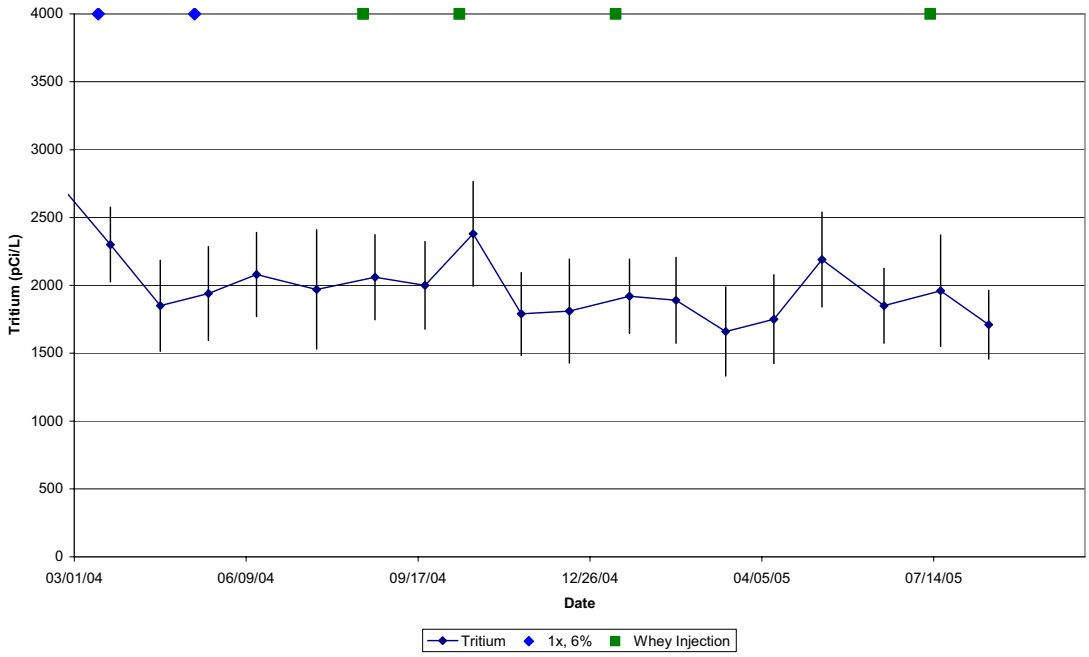

Figure B-78. Tritium concentrations at TAN-26.

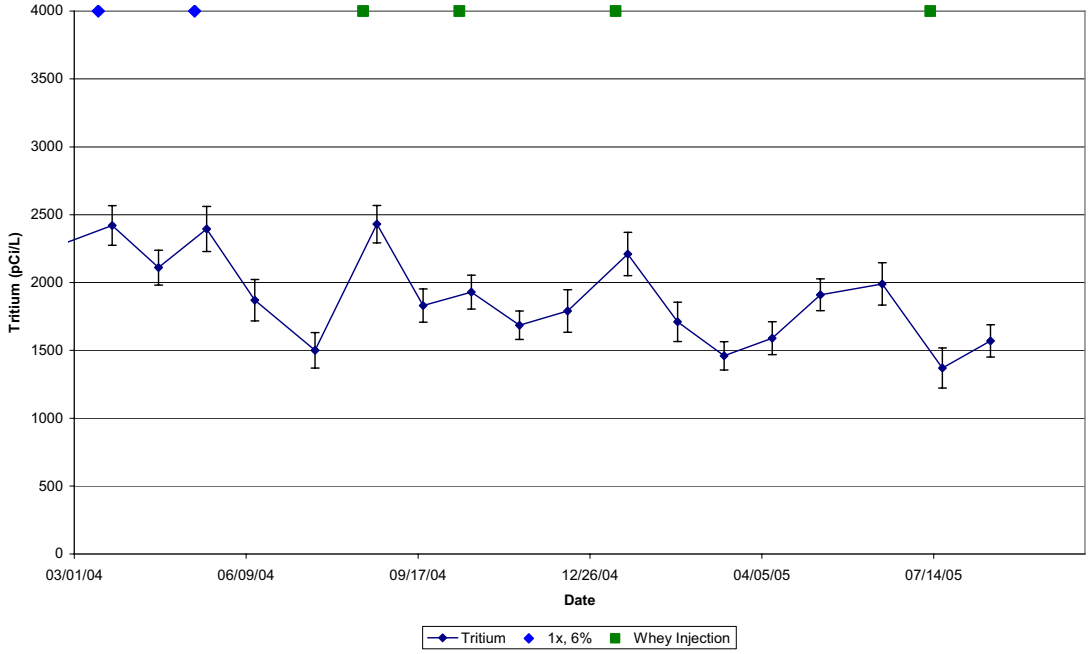

Figure B-79. Tritium concentrations at TAN-37C.

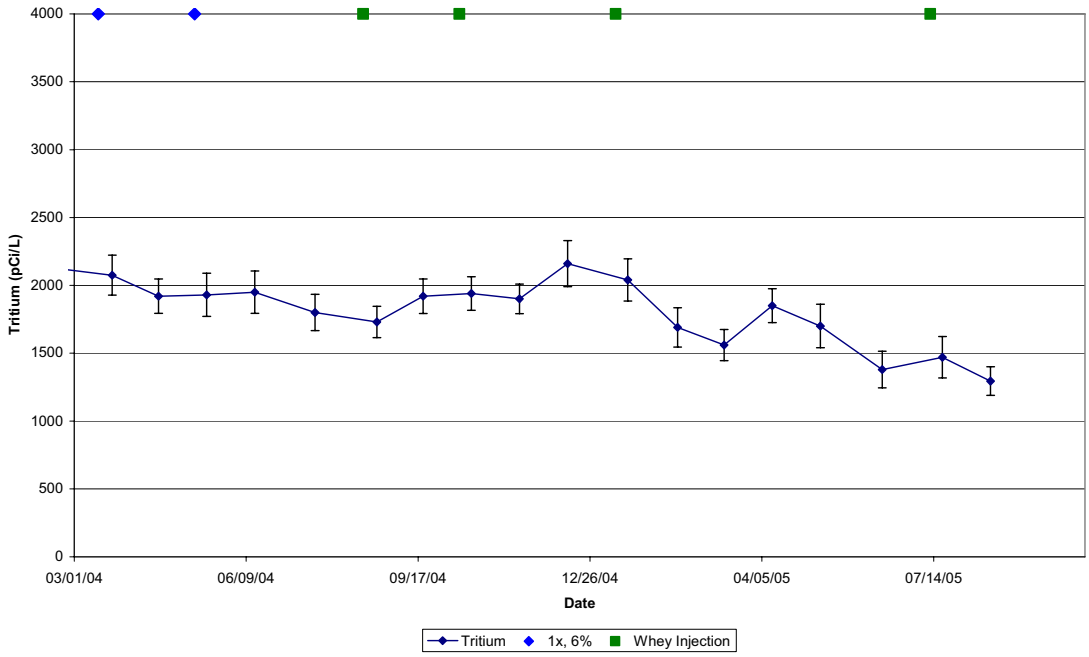

Figure B-80. Tritium concentrations at TAN-37A.

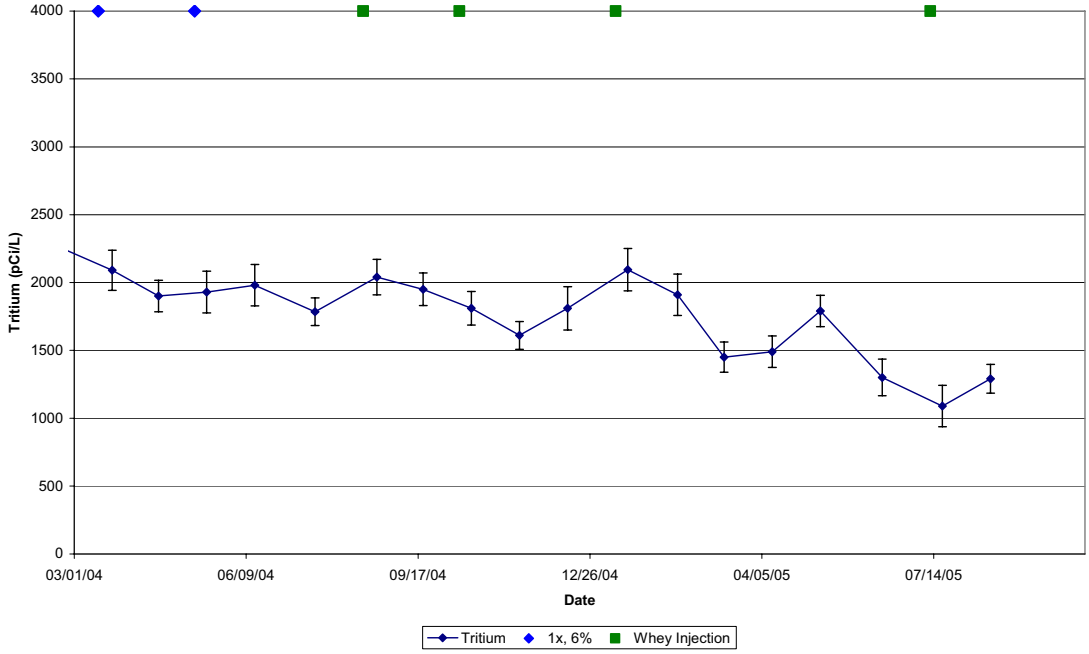

Figure B-81. Tritium concentrations at TAN-37B.

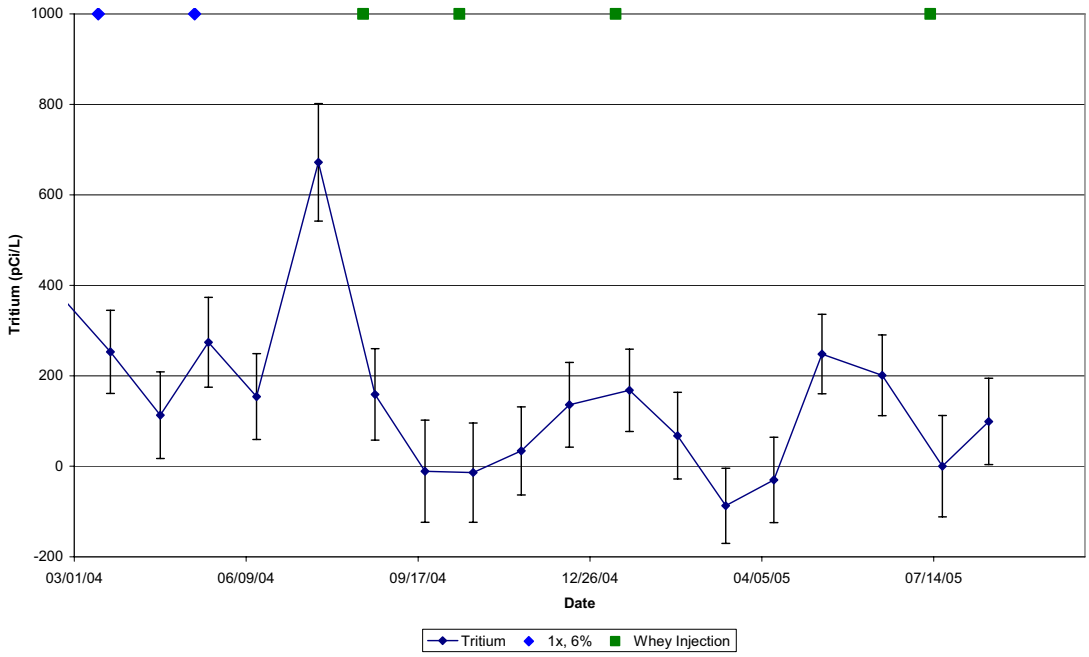

Figure B-82. Tritium concentrations at TAN-D2.

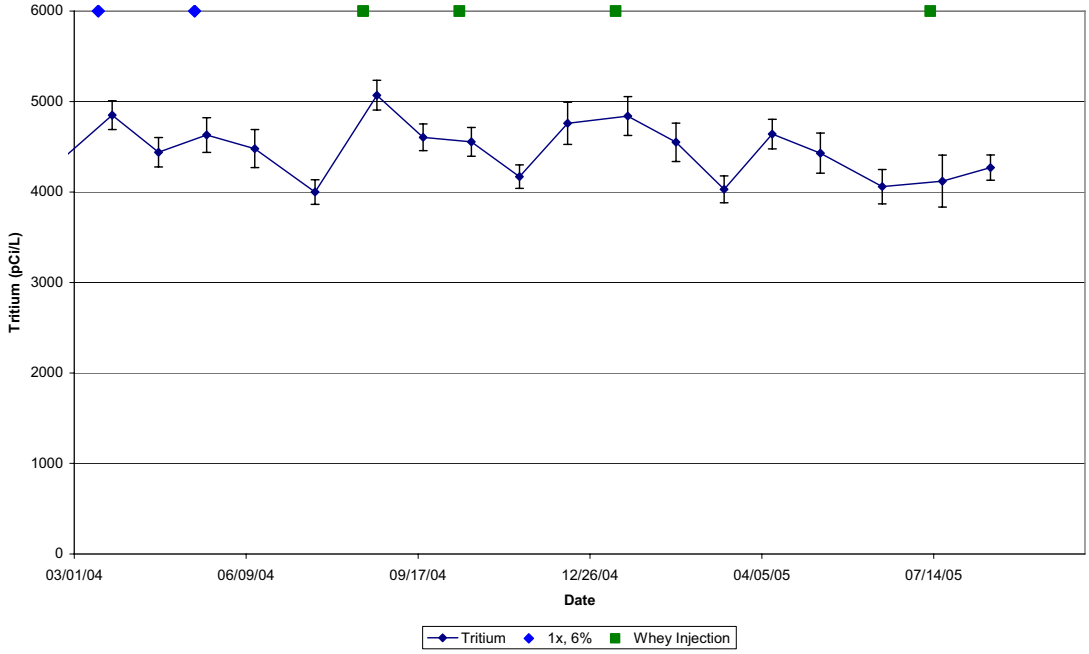

Figure B-83. Tritium concentrations at TAN-28.

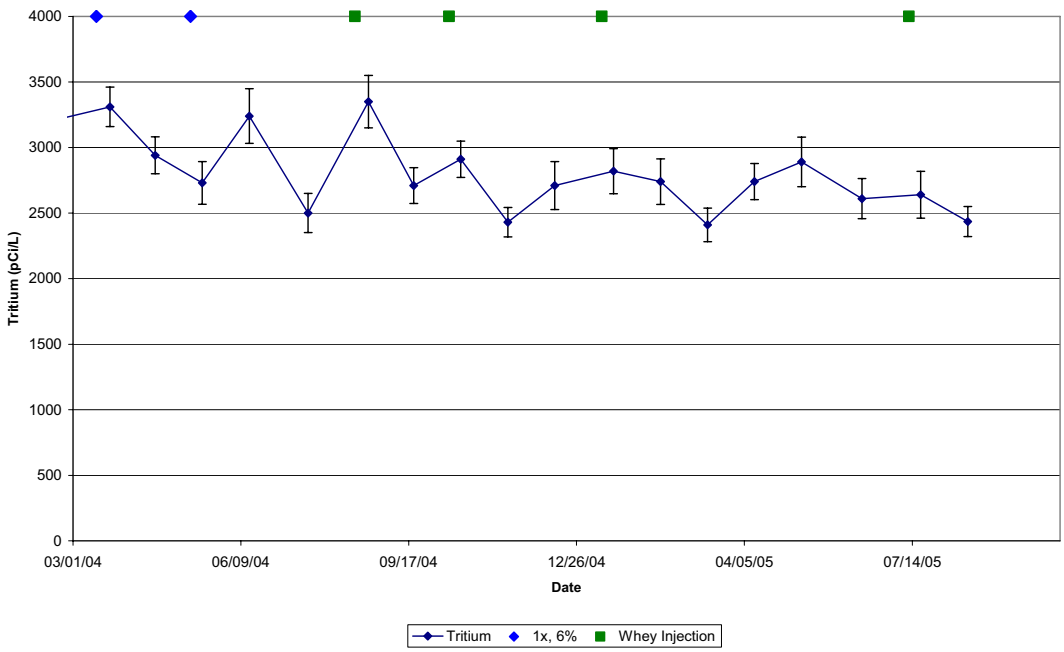

Figure B-84. Tritium concentrations at TAN-30A.

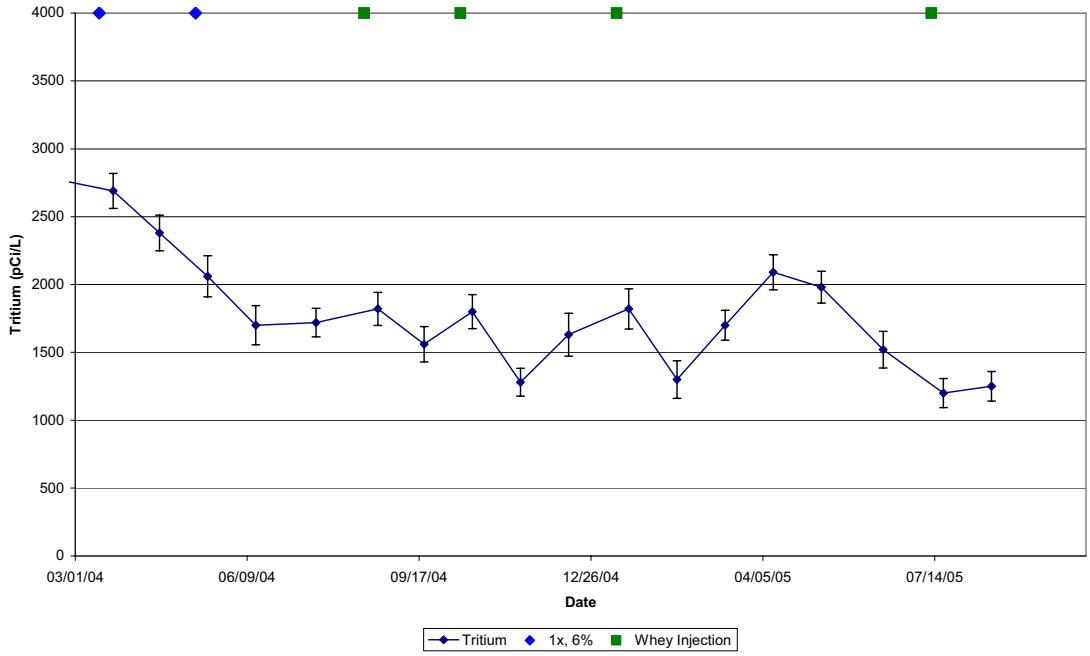

Figure B-85. Tritium concentrations at TAN-1860.

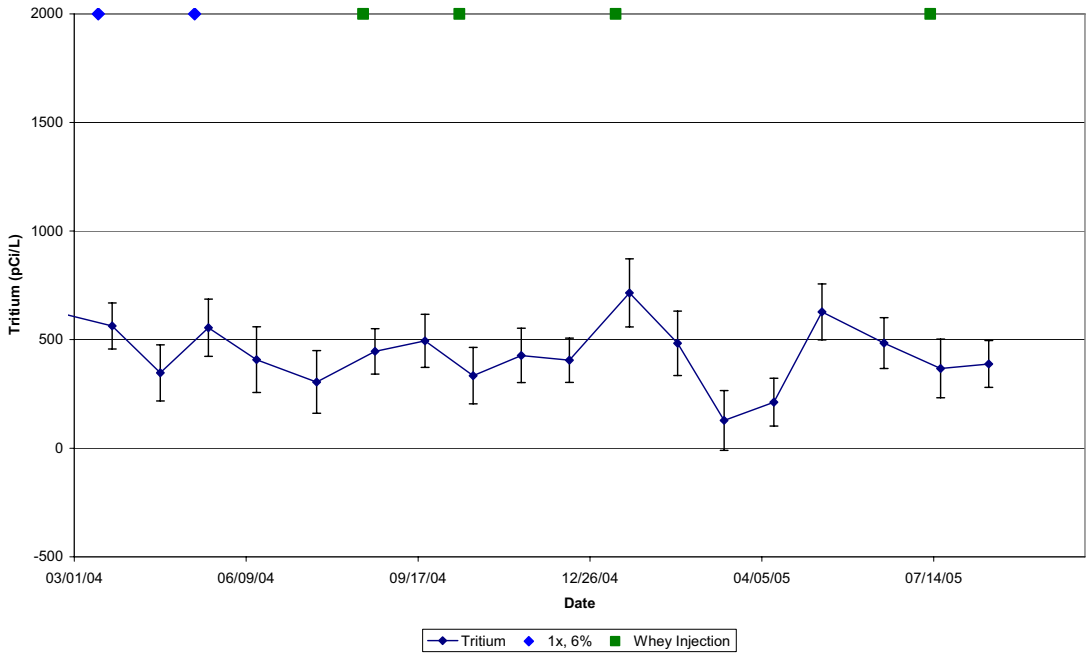

Figure B-86. Tritium concentrations at TAN-1861.

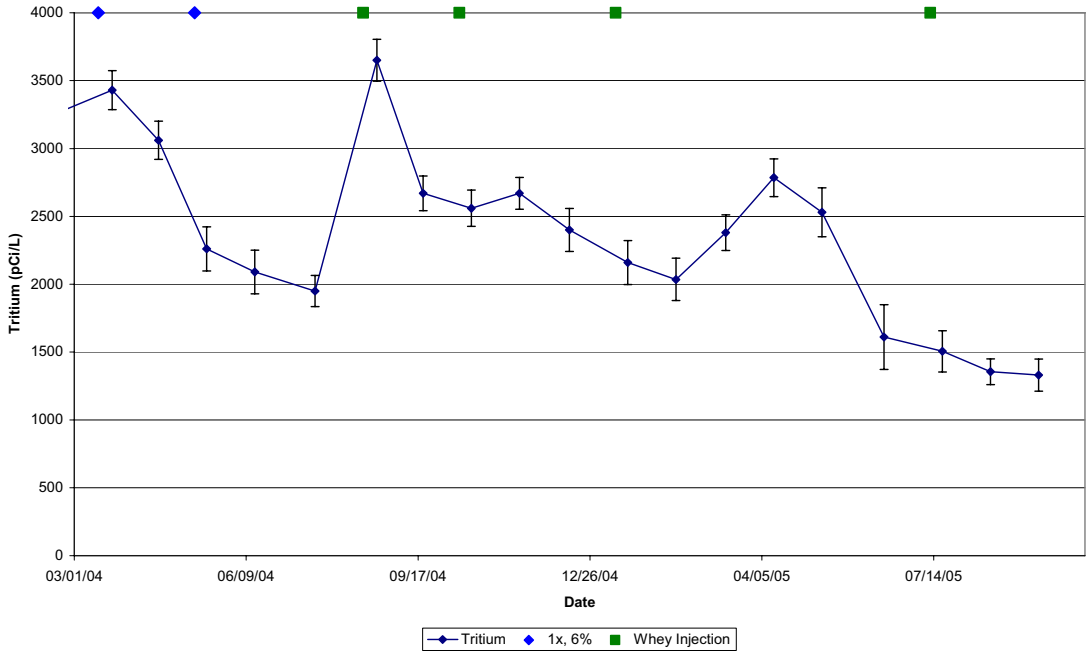

Figure B-87. Tritium concentrations at TAN-29.

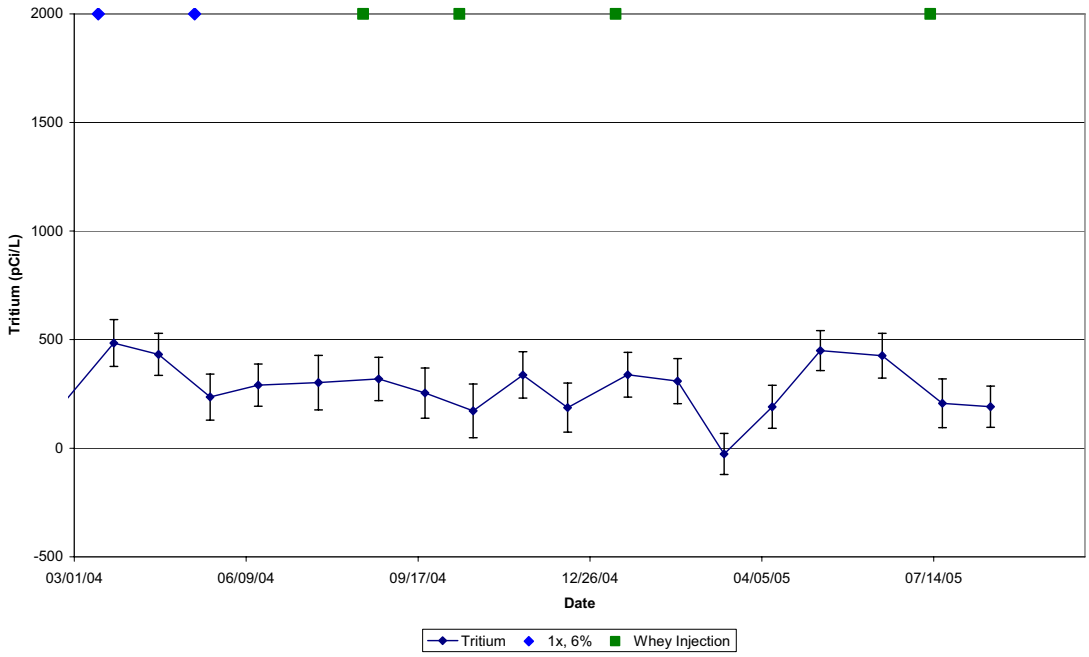

Figure B-88. Tritium concentrations at TAN-10A.

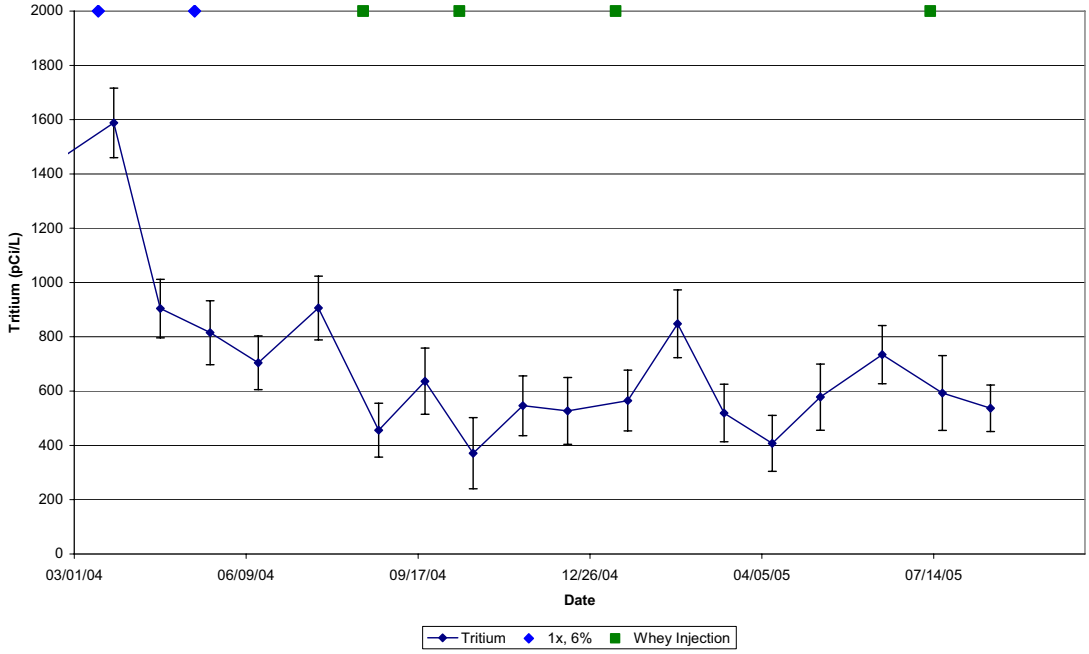

Figure B-89. Tritium concentrations at TAN-27.

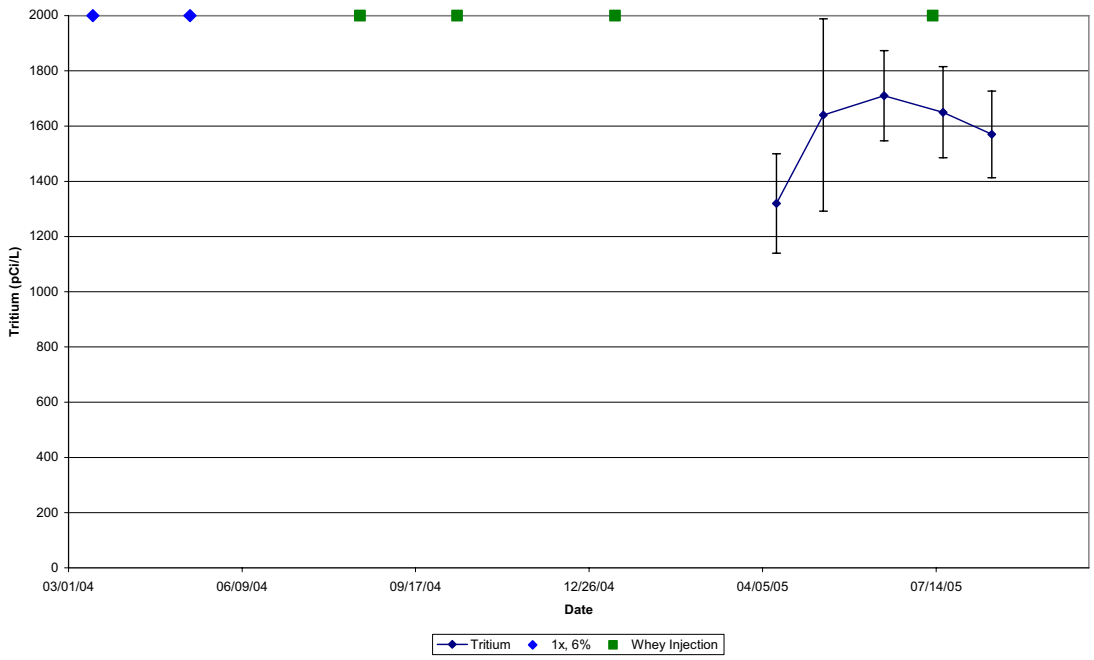

Figure B-90. Tritium concentrations at TAN-09.

Table B-1. Precision of ISB field laboratory duplicates (July to September 2005).

	Sample ID	Date	Value 1	Value 2	RPD %	Well
COD	RAA900916	07/18/05	0	11	200.00	TAN-1861
	RAA900904	07/19/05	4	0	200.00	TAN-27
	RAA9540	08/15/05	0	37	200.00	TAN-1859
	RAA9440	08/16/05	0	0	NA	TAN-27
	RAA3810	09/12/05	44	76	53.33	TAN-31
	RAA3790	09/13/05	34	41	18.67	TAN-29
SO4	RAA900916	07/18/05	47	48	2.11	TAN-1861
	RAA900904	07/19/05	46	45	2.20	TAN-27
	RAA9540	08/15/05	0	0	NA	TAN-1859
	RAA9440	08/16/05	47	46	2.15	TAN-27
	RAA3810	09/12/05	0	0	NA	TAN-31
	RAA3790	09/13/05	46	49	6.32	TAN-29
Fe	RAA900916	07/18/05	0.21	0.19	10	TAN-1861
	RAA900904	07/19/05	0.46	0.48	4.3	TAN-27
	RAA9540	08/15/05	2.52	2.46	2.4	TAN-1859
	RAA9440	08/16/05	0.52	0.48	8.0	TAN-27
	RAA3810	09/12/05	5.9	6.2	5.0	TAN-31
	RAA3790	09/13/05	0.03	0.02	40.0	TAN-29

Table B-1. (continued).

	Sample ID	Date	Value 1	Value 2	RPD %	Well
Alkalinity	RAA900916	07/18/05	432	434	0.46	TAN-1861
	RAA900904	07/19/05	251	249	0.80	TAN-27
	RAA9540	8/15/2005	2,290	2,330	1.73	TAN-1859
	RAA9440	8/16/2005	247	251	1.61	TAN-27
	RAA38102A1	09/12/05	1,640	1,610	1.85	TAN-31
	RAA37902A1	09/13/05	200	200	0	TAN-29

Table B-2. Accuracy of ISB field laboratory standards (July to September 2005).

	Sample Date	Standard (mg/L)	Observed (mg/L)	Error (%)	Recovery (%)	Target Recovery
COD	07/19/05	800	845	6	106	90-110
	07/19/05	800	774	-3	97	90-110
	08/17/05	800	830	4	104	90-110
	08/17/05	800	843	5	105	90-110
	09/13/05	800	777	-3	97	90-110
Sulfate	07/18/05	50	56	12	112	90-110
	07/19/05	50	56	12	112	90-110
	08/15/05	50	55	10	110	90-110
	08/16/05	50	57	14	114	90-110
	09/12/05	50	54	8	108	90-110
	09/13/05	50	56	12	112	90-110
Fe	07/18/05	1.00	0.97	-3.00	97.00	75-125
	07/19/05	1.00	0.92	-8.00	92.00	75-125
	08/15/05	1.00	0.94	-6.00	94.00	75-125
	08/16/05	1.00	0.96	-4.00	96.00	75-125
	09/12/05	1.00	1.02	2.00	102.00	75-125
	09/13/05	1.00	1.04	4.00	104.00	75-125

Table B-3. Performance evaluation (PE) results for parameters analyzed at the INL Research Center (IRC) (July to September 2005).

Sample ID	Date	Certified (µg/L)	Observed (µg/L)	Accepted Performance Limits (µg/L)	Relative Percent Difference (RPD) (%)	Accuracy within Tolerance	Precision within Tolerance
VC							
0627-05-01.1 (01)	July-05	169	172.4	90.6–260	NA	Yes	NA
0627-05-01.2 (01)	July-05	41	51.5	22.0–63.1	NA	Yes	NA
0719-05-04.1 (01)	August-05	0	<10 (ND)	NA	NA	NA	Yes
0719-05-04.2 (01)	August-05	48	64	25.7–74.1	1.09	Yes	Yes
0719-05-04.2 (02)	August-05	48	64.7	25.7–74.1	1.09	Yes	Yes
0826.05-02.1 (01)	Sept-05	32	59.4	17.1–49.4	0.85	No	Yes
0826.05-02.1 (02)	Sept-05	32	58.9	17.1–49.4	0.85	No	Yes
0826-05-02.2 (01)	Sept-05	500	694.9	268–772	NA	Yes	NA
'trans - DCE							
0627-05-01.1 (01)	July-05	590	529.3	428–743	NA	Yes	NA
0627-05-01.2 (01)	July-05	43.9	39.8	31.9–55.3	NA	Yes	NA
0719-05-04.1 (01)	August-05	0	<10 (ND)	NA	NA	NA	Yes
0719-05-04.2 (01)	August-05	79.3	73.3	57.6–99.7	0.27	Yes	Yes
0719-05-04.2 (02)	August-05	79.3	73.5	57.6–99.7	0.27	Yes	Yes
0826.05-02.1 (01)	Sept-05	31.7	32.6	23.0–39.9	0.92	Yes	Yes
0826.05-02.1 (02)	Sept-05	31.7	32.3	23.0–39.9	0.92	Yes	Yes
0826-05-02.2 (01)	Septr-05	404	433.9	293–508	NA	Yes	NA
'cis - DCE							
0627-05-01.1 (01)	July-05	423	370.7	328–520	NA	Yes	NA
0627-05-01.2 (01)	July-05	27.1	22.4	21.0–33.3	NA	Yes	NA
0719-05-04.1 (01)	August-05	0	<10 (ND)	NA	NA	NA	Yes
0719-05-04.2 (01)	August-05	88.2	80	68.3–109	1.01	Yes	Yes

Table B-3. (continued).

Sample ID	Date	Certified (µg/L)	Observed (µg/L)	Accepted Performance Limits (µg/L)	Relative Percent Difference (RPD) (%)	Accuracy within Tolerance	Precision within Tolerance
0719-05-04.2 (02)	August-05	88.2	79.2	68.3–109	1.01	Yes	Yes
0826.05-02.1 (01)	Sept-05	51.8	60.5	40.1–63.8	1.67	Yes	Yes
0826.05-02.1 (02)	Sept-05	51.8	59.5	40.1–63.8	1.67	Yes	Yes
0826-05-02.2 (01)	Sept-05	617	752.9	478–764	NA	Yes	NA
TCE							
0627-05-01.1 (01)	July-05	521	440.8	376–630	NA	Yes	NA
0627-05-01.2 (01)	July-05	91.3	77.7	65.9–110	NA	Yes	NA
0719-05-04.1 (01)	August-05	0	<10 (ND)	NA	NA	NA	Yes
0719-05-04.2 (01)	August-05	62.9	51.8	45.4–76.3	0.77	Yes	Yes
0719-05-04.2 (02)	August-05	62.9	52.2	45.4–76.3	0.77	Yes	Yes
0826.05-02.1 (01)	Sept-05	29.2	28.4	21.1–35.4	1.78	Yes	Yes
0826.05-02.1 (02)	Sept-05	29.2	27.9	21.1–35.4	1.78	Yes	Yes
0826-05-02.2 (01)	Sept-05	724	859.9	523–878	NA	Yes	NA
PCE							
0627-05-01.1 (01)	July-05	249	180.3	162–299	NA	Yes	NA
0627-05-01.2 (01)	July-05	830	59.2	54.0–99.6	NA	Yes	NA
0719-05-04.1 (01)	August-05	0	<10 (ND)	NA	NA	NA	Yes
0719-05-04.2 (01)	August-05	96.1	84.5	62.6–115	0.47	Yes	Yes
0719-05-04.2 (02)	August-05	96.1	84.9	62.6–115	0.47	Yes	Yes
0826.05-02.1 (01)	Sept-05	48.1	53	31.3–57.6	1.64	Yes	Yes
0826.05-02.1 (02)	Sept-05	48.7	42.3	31.3–57.6	1.64	Yes	Yes
0826-05-02.2 (01)	Sept-05	461	445.5	300–553	NA	Yes	NA

Table B-4. Accuracy of ISB field laboratory standard additions for alkalinity (July to September 2005).

Sample ID	Standard Date	Titration Range (mg/L)	Theoretical Endpoint (digits of titrant added)	Observed Endpoint (digits of titrant added)	Recovery (%)	Target Recovery (%)	Criteria Met?
RAA90090501	7/19/2005	100-400	25	25	100	75-125	Yes
			25	25	100	75-125	Yes
			25	24	96	75-125	Yes
RAA90090601	7/19/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	23	92	75-125	Yes
RAA94501	8/16/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	26	104	75-125	Yes
RAA94601	8/16/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	26	104	75-125	Yes
RAA37701	9/13/2005	100-400	25	23	92	75-125	Yes
			25	24	96	75-125	Yes
			25	25	100	75-125	Yes
RAA38001	9/13/2005	200-800	25	27	108	75-125	Yes
			25	24	96	75-125	Yes
			25	25	100	75-125	Yes

Table B-5. Accuracy of ISB field laboratory standard additions for sulfate (July to September 2005)

Sample ID	Standard Date	Titration Range (mg/L)	Theoretical Endpoint (digits of titrant added)	Observed Endpoint (digits of titrant added)	Recovery (%)	Target Recovery (%)	Criteria Met?
RAA90090501	7/19/2005	100-400	25	25	100	75-125	Yes
			25	25	100	75-125	Yes
			25	24	96	75-125	Yes
RAA90090601	7/19/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	23	92	75-125	Yes
RAA94501	8/16/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	26	104	75-125	Yes
RAA94601	8/16/2005	100-400	25	24	96	75-125	Yes
			25	25	100	75-125	Yes
			25	26	104	75-125	Yes
RAA37701	9/13/2005	100-400	25	23	92	75-125	Yes
			25	24	96	75-125	Yes
			25	25	100	75-125	Yes
RAA38001	9/13/2005	200-800	25	27	108	75-125	Yes
			25	24	96	75-125	Yes
			25	25	100	75-125	Yes

Table B-6. Relative percent differences for IRC duplicates (July to September 2005).

	Sample ID	Date	Value 1	Value 2	RPD %	Well
TCE	RAA90091602VL	07/18/05	25.8	26.7	3.25	TAN-1861
	RAA90090402VL	07/19/05	32.7	32.7	0.05	TAN-27
	RAA95402VL	08/15/05	5.0	5.0	0.00	TAN-1859
	RAA94402VL	08/16/05	32.4	32.5	0.41	TAN-27
	RAA38102VL	09/12/05	5.0	5.0	0.00	TAN-31
	RAA37902VL	9/13/2005	466.4	473.9	1.59	TAN-29
cis-DCE	RAA90091602VL	07/18/05	5.0	5.0	0.00	TAN-1861
	RAA90090402VL	07/19/05	5.0	5.0	0.00	TAN-27
	RAA95402VL	08/15/05	24.2	24.9	3.09	TAN-1859
	RAA94402VL	08/16/05	5.0	5.0	0.00	TAN-27
	RAA38102VL	09/12/05	5.0	5.0	0.00	TAN-31
	RAA37902VL	9/13/2005	42.0	38.4	9.14	TAN-29
trans-DCE	RAA90091602VL	07/18/05	20.9	20.5	1.79	TAN-1861
	RAA90090402VL	07/19/05	5.0	5.0	0.00	TAN-27
	RAA95402VL	08/15/05	279.6	282.2	0.92	TAN-1859
	RAA94402VL	08/16/05	5.0	5.0	0.00	TAN-27
	RAA38102VL	09/12/05	133.1	134.1	0.69	TAN-31
	RAA37902VL	9/13/2005	4.4	3.4	25.81	TAN-29
1,1 DCE	RAA90091602VL	07/18/05	ND	ND	NA	TAN-1861
	RAA90090402VL	07/19/05	5	5	0.00	TAN-27
	RAA95402VL	08/15/05	ND	ND	NA	TAN-1859
	RAA94402VL	08/16/05	ND	ND	NA	TAN-27
	RAA38102VL	09/12/05	ND	ND	NA	TAN-31
	RAA37902VL	9/13/2005	3.6	3.8	6.67	TAN-29
VC	RAA90091602VL	07/18/05	ND	ND	NA	TAN-1861
	RAA90090402VL	07/19/05	ND	ND	NA	TAN-27
	RAA95402VL	08/15/05	16.7	17.4	3.83	TAN-1859
	RAA94402VL	08/16/05	ND	ND	NA	TAN-27
	RAA38102VL	09/12/05	ND	5.1	NA	TAN-31
	RAA37902VL	9/13/2005	ND	ND	NA	TAN-29

Table B-6. (continued).

	Sample ID	Date	Value 1	Value 2	RPD %	Well
Ethene old method	RAA90090402Y4	7/19/2005	ND	ND	NA	TAN-27
Ethene new method	RAA90091602EG	7/18/2005	ND	ND	NA	TAN-1861
	RAA90090402EG	7/19/2005	ND	ND	NA	TAN-27
	RAA95402EG	8/15/2005	42.5	37.0	13.94115	TAN-1859
	RAA94402EG	8/16/2005	ND	ND	NA	TAN-27
	RAA38102EG	9/12/2005	18.9	25.9	31.21369	TAN-31
	RAA37902EG	9/13/2005	ND	ND	NA	TAN-29
Ethane old method	RAA90090402Y4	7/19/2005	ND	ND	NA	TAN-27
Ethane new method	RAA90091602EG	07/18/05	ND	ND	NA	TAN-1861
	RAA90090402EG	07/19/05	ND	ND	NA	TAN-27
	RAA95402EG	08/15/05	ND	ND	NA	TAN-1859
	RAA94402EG	08/16/05	ND	ND	NA	TAN-27
	RAA38102EG	09/12/05	ND	ND	NA	TAN-31
	RAA37902EG	09/13/05	ND	ND	NA	TAN-29
Methane old method	RAA90090402Y4	7/19/2005	3,112.3	4,112.4	27.68	TAN-27
Methane new method	RAA90091602EG	07/18/05	10,058.1	8,884.2	12.4	TAN-1861
	RAA90090402EG	07/19/05	3,226.4	2911.4	10.3	TAN-27
	RAA95402EG	08/15/05	2,0058.4	19,425.6	3.2	TAN-1859
	RAA94402EG	08/16/05	3,167.1	3172.5	0.2	TAN-27
	RAA38102EG	09/12/05	22745.6	29,658.6	26.4	TAN-31
	RAA37902EG	09/13/05	428.5	351.8	19.7	TAN-29

Table B-7. Blank samples analyzed at the IRC (July to September 2005).

Sample ID	Sample Date	Sample Time	Sample Location	QC Type	PCE (µg/L)	TCE (µg/L)	cis-DCE (µg/L)	trans-DCE (µg/lL)	1,1-DCE (µg/L)	VC (µg/L)	Ethene (µg/L)	Ethane (µg/L)	Methane (µg/L)	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Isobutyrate (mg/L)	Isovalerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)
RAA9009180	7/18/2005	1515	TAN-D2	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	172.6	ND	ND	ND		ND	ND	ND	ND	ND	ND
RAA9009180	7/19/2005	1515		Trip blank	ND	ND	ND	ND	ND	ND	ND	ND	165.0										
RAA9009190	7/19/2005	945	TAN-30A	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	166.4	ND	ND	ND		ND	ND	ND	ND	ND	ND
RAA95801	8/15/2005	1417	TAN-09	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	169.2	ND	ND	ND		ND	ND	ND	ND	ND	ND
RAA95901	8/16/2005	1421	TAN-37C	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	109.8	ND	ND	ND		ND	ND	ND	ND	ND	ND
RAA39101	9/12/2005	1113	TAN-26	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	144.1	ND	ND	ND		ND	ND	ND	ND	ND	ND
RAA392013A	9/13/2005	1021	TAN-10A	Field blank	ND	ND	ND	ND	ND	ND	ND	ND	162.4	ND	ND	ND		ND	ND	ND	ND	ND	ND

B-8. Matrix spike/matrix spike duplicate (MS/MSD) analyses from the IRC (July to September 2005).

	Sample ID	Date	Well	Spike Added (µg/L)	Sample Concentration (µg/L)	MS Concentration (µg/L)	MS % Recovered	MSD Concentration (µg/L)	MSD % Recovered	RPD % (between MS and MSD)
TCE	RAA90091501VL MS	07/19/05	TAN-1860	49.75	162.4	209.1	93.7	202.1	79.8	3.4
	RAA90090501VL MS	07/19/05	TAN-28	49.75	1,082.6	See Comments		See Comments		
	RAA94801VL MS	08/15/05	TAN-31	49.75	0.0	45.2	90.8	42.2	84.8	6.8
	RAA94901VL MS	08/16/05	TAN-37A	49.75	114.2	151.1	74.3	146.4	64.9	3.2
	RAA38001VL MS	09/13/05	TAN-30A	49.75	35.7	96.7	122.5	98.4	126.0	1.8
	RAA37701VL MS	09/13/05	TAN-27	49.75	38.9	99.0	120.8	101.2	125.2	2.2
Cis DCE	RAA90091501VL MS	07/19/05	TAN-1860	49.75	11.1	61.9	102.2	61.9	102.1	0.1
	RAA90090501VL MS	07/19/05	TAN-28	49.75	116.1	155.8	79.8	154.2	76.6	1.0
	RAA94801VL MS	08/15/05	TAN-31	49.75	24.3	68.7	89.3	67.1	85.9	2.5
	RAA94901VL MS	08/16/05	TAN-37A	49.75	25.3	71.6	93.0	70.5	90.8	1.6
	RAA38001VL MS	09/13/05	TAN-30A	49.75	2.4	60.3	116.5	60.0	115.8	0.5
	RAA37701VL MS	09/13/05	TAN-27	49.75	0.0	52.6	105.7	52.5	105.5	0.2
Trans DCE	RAA90091501VL MS	07/19/05	TAN-1860	49.75	43.2	90.9	95.9	92.3	98.7	1.5
	RAA90090501VL MS	07/19/05	TAN-28	49.75	88.3	132.4	88.6	132.2	88.2	0.2
	RAA94801VL MS	08/15/05	TAN-31	49.75	113.7	156.2	85.5	154.1	81.2	1.4
	RAA94901VL MS	08/16/05	TAN-37A	49.75	154.4	189.6	70.8	188.1	67.8	0.8
	RAA38001VL MS	09/13/05	TAN-30A	49.75	136.1	175.5	79.1	180.5	89.3	2.8
	RAA37701VL MS	09/13/05	TAN-27	49.75	5.0	55.0	100.6	55.4	101.3	0.7

Table B-8. (continued).

	Sample ID	Date	Well	Spike Added (µg/L)	Sample Concentration (µg/L)	MS Concentration (µg/L)	MS % Recovered	MSD Concentration (µg/L)	MSD % Recovered	RPD % (between MS and MSD)
1,1 DCE	RAA90091501VL MS	07/19/05	TAN-1860	49.75	5.0	37.9	66.1	37.0	64.4	2.3
	RAA90090501VL MS	07/19/05	TAN-28	49.75	5.0	23.3	36.7	22.8	35.8	2.1
	RAA94801VL MS	08/15/05	TAN-31	49.75	5.0	48.6	87.6	44.8	80.0	8.1
	RAA94901VL MS	08/16/05	TAN-37A	49.75	0.0	38.5	77.4	38.4	77.1	0.3
	RAA38001VL MS	09/13/05	TAN-30A	49.75	0.0	44.4	89.3	44.8	90.1	0.9
	RAA37701VL MS	09/13/05	TAN-27	49.75	0.0	48.0	96.4	48.5	97.5	1.1
PCE	RAA90091501VL MS	07/19/05	TAN-1860	49.75	2.8	43.8	82.4	45.4	85.7	3.6
	RAA90090501VL MS	07/19/05	TAN-28	49.75	10.7	51.7	82.5	51.1	81.2	1.2
	RAA94801VL MS	08/15/05	TAN-31	49.75	0.0	45.1	90.7	42.0	84.4	7.2
	RAA94901VL MS	08/16/05	TAN-37A	49.75	5.0	46.3	83.0	46.9	84.2	1.3
	RAA38001VL MS	09/13/05	TAN-30A	49.75	0.0	46.8	94.1	44.5	89.5	5.0
	RAA37701VL MS	09/13/05	TAN-27	49.75	0.0	50.3	101.2	51.7	103.9	2.7
VC	RAA90091501VL MS	07/19/05	TAN-1860	49.75	5.0	39.4	69.1	38.7	67.8	1.7
	RAA90090501VL MS	07/19/05	TAN-28	49.75	3.1	26.5	47.0	26.3	46.7	0.7
	RAA94801VL MS	08/15/05	TAN-31	49.75	0.0	38.9	78.3	39.6	79.6	1.7
	RAA94901VL MS	08/16/05	TAN-37A	49.75	4.9	40.6	71.7	40.2	71.0	0.9
	RAA38001VL MS	09/13/05	TAN-30A	49.75	22.4	41.5	38.2	10.9	-23.3	117.0
	RAA37701VL MS	09/13/05	TAN-27	49.75	0.0	47.6	95.8	48.2	96.8	1.1

B-2. WATER QUALITY DATA

This section concerns water quality data for TAN-25, 28, 30a, 31, 37a, 37b, 1859, 1861, and TSF-05. The data includes water level, conductivity, and temperature in each well from October 1, 2004, to September 16, 2005. These data can be found in the separate Excel files located at the end of this CD with the following names:

- tan-25_fy2005.xls
- tan-28_fy2005.xls
- tan-30a_fy2005.xls
- tan-31_fy2005.xls
- tan-37a_fy2005.xls
- tan-37b_fy2005.xls
- tan-1859_fy2005.xls
- tan-1861_fy2005.xls
- tsf-05_fy2005.xls.

B-3. GROUNDWATER MONITORING DATA FOR FISCAL YEAR 2005

The data presented in this section are for bioactivity, electron donor, redox, strontium 90, tritium, and VOCs.

B-3.1 Fiscal Year 2005 Bioactivity

TSF-05A				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45001	10/18/04	2,150		
RAA52501	11/15/04	1,770	2.75	19.2
RAA60001	12/13/04	2,320		
RAA67501	01/17/05	1,940		
RAA70001	02/14/05	2,100		
RAA77501	03/14/05	1,920		
RAA81081001	04/11/05	865		
RAA85001	05/10/05	2,260		
RAA85002	05/10/05	2,240		
RAA87501	06/14/05	2,120	2.66	7
RAA90090001	07/18/05	2,000		
RAA94001	08/15/05	1,770		
RAA37301	09/12/05	1,040		

TSF-05B				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45101	10/19/04	2,420		
RAA52601	11/16/04	2,520	2.53	35.2
RAA60101	12/14/04	4,440		
RAA67601	01/18/05	4,220		
RAA70101	02/15/05	4,540		
RAA77601	03/15/05	4,260		
RAA81081101	04/12/05	1,840		
RAA85101	05/09/05	2,560		
RAA85102	05/09/05	2,630		
RAA87601	06/15/05	2,100	2.75	42
RAA90090101	07/18/05	1,430		
RAA94101	08/15/05	2,090		
RAA37401	09/15/05	2,120		

TAN-1859				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46401	10/19/04	2,800		
RAA53901	11/16/04	2,570	1.44	12.7
RAA61401	12/14/04	3,780		
RAA68901	01/18/05	3,180		
RAA71401	02/14/05	2,560		
RAA78901	03/15/05	3,050		
RAA81082401	04/12/05	1,750		
RAA86401	05/10/05	2,770		
RAA88901	06/15/05	3,230	2.75	8
RAA90091401	07/18/05	2,680		
RAA95401	08/15/05	2,290		
RAA95402	08/15/05	2,330		
RAA38701	09/15/05	1730		

TAN-1860				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46501	10/18/04	312		
RAA54001	11/15/04	440	0.36	1.30
RAA61501	12/13/04	488		
RAA69001	01/17/05	630		
RAA71501	02/14/05	522		
RAA79001	03/14/05	520		
RAA81082501	04/11/05	496		
RAA86501	05/09/05	566		
RAA89001	06/14/05	460	0.39	1.42
RAA90091501	07/19/05	444		
RAA95501	08/16/05	390		
RAA38801	09/13/05	358		

TAN-1861				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46601	10/19/04	400		
RAA54101	11/16/04	364	0.31	0.18
RAA61601	12/14/04	512		
RAA69101	01/18/05	426		
RAA71601	02/15/05	480		
RAA79101	03/14/05	462		
RAA81082601	04/12/05	388		
RAA86601	05/10/05	466		
RAA89101	06/15/05	386	0.43	0.24
RAA89102	06/15/05	378	0.39	0.19
RAA90091601	07/18/05	432		
RAA90091602	07/18/05	434		
RAA95601	08/15/05	378		
RAA38901	09/12/05	344		

TAN-09				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA81082701	04/13/05	280		
RAA86701	05/10/05	448		
RAA89201	06/14/05	400	0.07	0.46
RAA90091701	07/18/05	406		
RAA95701	08/15/05	364		
RAA39001	09/12/05	334		

TAN-25				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45201	10/19/04	3,600		
RAA45202	10/19/04	3,920		
RAA52701	11/16/04	4,360	0.09	26.7
RAA52702	11/16/04	4,420	0	24.8
RAA60201	12/14/04	5,920		
RAA60202	12/14/04	5,720		
RAA67701	01/18/05	4,960		
RAA67702	01/18/05	4,920		
RAA70201	02/15/05	6,460		
RAA70202	02/15/05	6,020		
RAA77701	03/15/05	4,800		
RAA77702	03/15/05	4,960		
RAA81081201	04/12/05	2,240		
RAA85201	05/10/05	5,200		
RAA87701	06/15/05	4,600	2.12	18
RAA90090201	07/18/05	3,140		
RAA94201	08/15/05	3,300		
RAA37501	09/12/05	2,350		

TAN-26				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45301	10/19/04	3,300		
RAA52801	11/16/04	2,590	1.26	0.23
RAA60301	12/14/04	3,840		
RAA67801	01/18/05	3,760		
RAA70301	02/14/05	2,620		
RAA77801	03/15/05	3,480		
RAA81081301	04/12/05	2,440		
RAA85301	05/10/05	3,750		
RAA87801	06/15/05	3,860	1.10	0.28
RAA90090301	07/18/05	2,940		
RAA94301	08/15/05	2,300		
RAA37601	09/12/05	2,020		

TAN-31				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45801	10/19/04	2,120		
RAA53301	11/16/04	1,970	2.75	14.9
RAA60801	12/14/04	3,280		
RAA68301	01/18/05	2,600		
RAA70801	02/14/05	2,630		
RAA78301	03/15/05	2,840		
RAA81081801	04/12/05	1,830		
RAA85801	05/10/05	2,900		
RAA88301	06/15/05	3,070	2.75	14
RAA90090801	07/18/05	1,740		
RAA94801	08/15/05	2,160		
RAA38102	09/12/05	1,610		
RAA38101	09/12/05	1,640		

TAN-37A				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45901	10/18/04	512		
RAA53401	11/15/04	474	0.6	1.18
RAA60901	12/13/04	568		
RAA68401	01/17/05	490		
RAA70901	02/15/05	522		
RAA78401	03/14/05	522		
RAA81081901	04/11/05	560		
RAA85901	05/09/05	536		
RAA88401	06/14/05	594	0.3	1.11
RAA90090901	07/19/05	510		
RAA94901	08/16/05	446		
RAA38201A1	09/13/05	426		

TAN-37B				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46001	10/18/04	516		
RAA53501	11/15/04	464	0.63	1.17
RAA61001	12/13/04	602		
RAA61002	12/13/04	604		
RAA68501	01/17/05	522		
RAA68502	01/17/05	522		
RAA71001	02/15/05	614		
RAA78501	03/14/05	576		
RAA81082001	04/11/05	498		
RAA86001	05/09/05	560		
RAA88501	06/14/05	614	0.43	1.15
RAA90091001	07/19/05	542		
RAA95001	08/16/05	492		
RAA38301A1	09/13/05	542		

TAN-37C				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46101	10/18/04	2,750		
RAA53601	11/15/04	2,520	0.59	0.51
RAA53602	11/15/04	2,560	0.52	0.49
RAA61101	12/13/04	3,580		
RAA68601	01/17/05	2,640		
RAA71101	02/15/05	2,860		
RAA78601	03/14/05	2,670		
RAA81082101	04/11/05	2,220		
RAA86101	05/09/05	2,770		
RAA88601	06/14/05	3,650	1.05	0.5
RAA90091101	07/19/05	2,630		
RAA95101	08/16/05	2,030		
RAA38401A1	09/13/05	2,630		

TAN-D2				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46301	10/19/04	286		
RAA53801	11/16/04	295	0	0.19
RAA61301	12/14/04	263		
RAA68801	01/18/05	311		
RAA71301	02/15/05	336		
RAA78801	03/15/05	324		
RAA81082301	04/12/05	221		
RAA86301	05/10/05	187		
RAA88801	06/14/05	190	0	0.13
RAA90091301	07/18/05	205		
RAA95301	08/15/05	261		
RAA38601	09/12/05	271		

TAN-28				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45501	10/18/04	330		
RAA45502	10/18/04	328		
RAA53001	11/15/04	342	0.57	0.51
RAA60501	12/13/04	343		
RAA68001	01/17/05	350		
RAA70501	02/14/05	338		
RAA78001	03/14/05	361		
RAA81081501	04/11/05	367		
RAA85501	05/09/05	368		
RAA88001	06/14/05	359	0.63	0.59
RAA90090501	07/19/05	347		
RAA94501	08/16/05	345		
RAA37801A1	09/13/05	343		

TAN-30A				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45701	10/18/04	676		
RAA53201	11/15/04	600	0.34	0.24
RAA60701	12/13/04	718		
RAA68201	01/17/05	750		
RAA70701	02/14/05	656		
RAA78201	03/14/05	714		
RAA81081701	04/11/05	672		
RAA85701	05/09/05	728		
RAA88201	06/14/05	680	0.33	0.27
RAA90090701	07/19/05	706		
RAA94701	08/16/05	678		
RAA38001	09/13/05	656		

TAN-29				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45601	10/18/04	250		
RAA53101	11/15/04	270	0.56	0.74
RAA60601	12/14/04	271		
RAA68101	01/17/05	237		
RAA70601	02/14/05	218		
RAA70602	02/14/05	223		
RAA78101	03/15/05	244		
RAA81081601	04/12/05	244		
RAA81081602	04/12/05	252		
RAA85601	05/10/05	215		
RAA88101	06/15/05	195	0.42	0.17
RAA90090601	07/19/05	199		
RAA94601	08/16/05	201		
RAA37902	9/13/2005	200		
RAA37901	9/13/2005	200		

TAN-10A				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA46201	10/19/04	271		
RAA53701	11/17/04	252	0.19	0
RAA53702	11/17/04	256	1.07	0
RAA61201	12/13/04	262		
RAA68701	01/17/05	265		
RAA71201	02/15/05	260		
RAA78701	03/14/05	264		
RAA78702	03/14/05	259		
RAA81082201	04/11/05	264		
RAA81082202	04/11/05	267		
RAA86201	05/09/05	259		
RAA88701	06/14/05	250	0.33	0.03
RAA90091201	07/19/05	259		
RAA95201	08/16/05	266		
RAA38501	09/13/05	260		

TAN-27				
Sample ID	Date	Alkalinity (mg/L)	PO_4^{3-} Phosphate (mg/L)	NH_3-N Ammonia (mg/L)
RAA45401	10/19/04	238		
RAA52901	11/17/04	276	0.28	0.05
RAA60401	12/13/04	244		
RAA67901	01/17/05	257		
RAA70401	02/15/05	250		
RAA77901	03/14/05	257		
RAA81081401	04/11/05	253		
RAA85401	05/09/05	251		
RAA87901	06/14/05	248	0.51	0.11
RAA87902	06/14/05	248	0.36	0.13
RAA90090401	07/19/05	251		
RAA90090402	07/19/05	249		
RAA94401	08/16/05	247		
RAA94402	08/16/05	251		
RAA37701	09/13/05	248		

B-3.2 Fiscal Year 2005 Electron Donor

TSF-05A												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
AED05401	10/12/04	722.7	147.5	22.5		6.6	10.9	ND	ND	ND	21,414.3	17,964
AED06001	10/14/04	1,395.4	614.8	243.0		10.9	19.4	ND	ND	ND	2,849.5	7,875
AED06002	10/14/04	1,396.4	621.7	246.1		11.1	19.3	ND	ND	ND	3,898.8	7,587
RAA45001	10/18/04	1,245.1	677.6	413.8		14.3	26.8	7.9	ND	ND	<100	3,303
AED06601	10/25/04	576.6	355.2	186.8		51.4	62.2	22.1	10.3	ND	70.7	1,395
AED06601	10/25/04	589.0	364.8	193.5		53.5	65.5	23.2	10.8	ND		
AED07201	11/01/04	112.7	34.1	11.3		14.3	39.4	5.7	ND	ND	ND	321
RAA52501	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	42
RAA60001	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	24
AED07801	01/11/05	373.9	86.0	23.5		5.0	7.8	ND	ND	ND	11,976.5	19,476
AED08501	01/13/05	1,391.8	586.5	731.0		10.2	16.9	3.9	ND	ND	5,458.3	10,404
AED08502	01/13/05	1,259.7	526.9	636.5		10.4	17.1	3.9	ND	ND	4,211.3	9,540
RAA67501	01/17/05	1,475.0	825.2	1,054.1		18.3	35.7	14.3	ND	ND	ND	4,896
AED09201	01/24/05	574.3	386.4	383.4		44.0	61.3	26.5	10.8	ND	ND	2,151
AED09901	01/31/05	119.1	63.9	30.4		26.8	36.3	9.9	5.5	ND	ND	687
RAA70001	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	101
RAA77501	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81081001	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	24
RAA85001	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	6
RAA85002	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	13
RAA87501	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	15
RAA90092201C5	07/14/05											1,6200
RAA90090001	07/18/05	1,392.4	746.0	1,245.9		6.9	14.5	7.0	ND	ND	34.4	3,996
RAA94001	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	96
RAA37301	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	44

TSF-05B												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
AED05501	10/12/04	801.5	184.3	39.6		6.3	8.3	ND	ND	ND	17,336.6	21,168
AED05501	10/12/04	1,034.7	198.5	51.5		7.6	10.2	ND	ND	ND		
AED06101	10/14/04	2,017.9	599.7	597.5		15.4	24.2	ND	ND	ND	10,104.9	13,860
AED06101	10/14/04	1,803.3	527.8	515.7		13.7	21.2	ND	ND	ND		
RAA45101	10/19/04	2,458.7	1,133.7	1,538.3		20.4	31.2	16.2	ND	ND	8,24.1	6,822
AED06701	10/25/04	1,173.8	699.4	587.3		64.2	79.8	37.8	14.4	ND	18.9	2,217
AED07301	11/01/04	274.8	132.3	62.1		33.0	61.4	14.8	ND	ND	ND	744
AED07301	11/01/04	220.3	108.6	52.8		28.5	53.7	12.8	ND	ND		
RAA52601	11/16/04	55.9	7.0	ND		<5	<5	ND	ND	ND	ND	125
RAA60101	12/14/04	12.5	ND	ND		ND	ND	ND	ND	ND	ND	41
AED07901	01/11/05	418.6	113.5	40.9		5.3	8.6	ND	ND	ND	11,456.7	23,508
AED08601	01/13/05	1075.1	318.2	676.1		8.4	14.1	4.4	ND	ND	4,085.6	15,552
AED08601	01/13/05										5,895.8	
RAA67601	01/18/05	1,610.1	837.7	1,637.9		15.8	28.1	14.6	5.1	ND	<100	6,426
RAA67601	01/18/05	1,538.4	796.4	1,555.5		15.2	26.8	13.7	5.2	ND	<100	
AED09301	01/24/05	866.6	528.6	730.8		33.2	50.4	30.0	10.3	ND	ND	3,492
AED09302	01/24/05	858.9	523.0	728.0		32.3	50.3	29.7	10.0	ND	ND	3,123
AED10001	01/31/05	189.6	113.4	81.6		32.6	40.7	13.7	7.5	ND	ND	1,029
AED10002	01/31/05	230.0	141.7	105.6		40.4	50.3	16.9	9.0	ND	ND	1,206
RAA70101	02/15/05	106.5	31.5	ND		4.7	12.3	ND	ND	ND	ND	312
RAA77601	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	96
RAA81081101	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	65
RAA85101	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	42
RAA85102	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	47
RAA87601	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	75

TAN-1859												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46401	10/19/04	1,133.4	986.5	111.9		27.1	48.8	18.6	ND	ND	ND	2,049
RAA53901	11/16/04	32.2	42.9	ND		<5	2.4	ND	ND	ND	ND	178
RAA61401	12/14/04	10.9	<5	ND		ND	ND	ND	ND	ND	ND	77
AED08201	01/11/05	261.2	82.4	5.1		4.0	5.7	ND	ND	ND	2,505.9	4,032
AED08901	01/13/05	760.2	618.2	26.4		5.6	9.3	ND	ND	ND	ND	1,971
RAA68901	01/18/05	306.0	281.6	27.8		16.8	29.8	11.7	ND	ND	ND	705
AED09601	01/24/05	24.8	12.8	5.4		2.7	5.4	ND	ND	ND	ND	160
AED09601	01/24/05										ND	
AED10301	01/31/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	60
RAA71401	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	63
RAA78901	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	29
RAA78901	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA81082401	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	50
RAA86401	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	36
RAA88901	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	35
RAA90091401	07/18/05	879.7	698.5	71.3		4.3	9	ND	ND	ND	32.8	2,166
RAA95401	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA95402	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	37
RAA38701	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	35

TAN-1860												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46501	10/18/04	16.3	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA54001	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA61501	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	3
RAA69001	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	3
RAA71501	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	25
RAA79001	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81082501	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	25
RAA86501	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	5
RAA89001	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	10
RAA90091501	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA95501	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	16
RAA38801	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	22

TAN-1861												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46601	10/19/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA46601	10/19/04	ND	ND	ND		ND	ND	ND	ND	ND		
RAA54101	11/16/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA54101	11/16/04										ND	
RAA61601	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	9
RAA61601	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND		
RAA69101	01/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA71601	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA79101	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81082601	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	30
RAA86601	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	22
RAA89101	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA89102	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	5
RAA90091601	07/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA90091602	07/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA95601	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	6
RAA38901	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	27

TAN-25												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
AED05601	10/12/04	1,070.7	192.4	32.7		13.6	20.5	ND	ND	ND	12,265.8	18,900
AED05602	10/12/04	1,149.0	193.1	33.8		13.7	21.2	ND	ND	ND	10,078.3	17,676
AED06201	10/14/04	2,034.8	640.8	503.3		19.9	28.3	ND	ND	ND	3,913.2	8,829
RAA45201	10/19/04	3,608.8	1,854.4	1,459.6		76.1	106.0	27.9	16.7	ND	ND	4,995
RAA45202	10/19/04	3,647.7	1,853.9	1,431.9		75.2	101.6	27.4	16.0	ND	ND	4,581
AED06801	10/25/04	780.1	559.5	280.6		95.2	109.5	35.6	18.1	ND	84.2	2,631
AED07401	11/01/04	47.3	29.2	ND		20.2	55.4	ND	ND	ND	ND	522
RAA52701	11/16/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	108
RAA52702	11/16/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	104
RAA60201	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	69
RAA60202	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	65
AED08001	01/11/05	830.6	1,54.8	87.9		14.5	25.7	ND	ND	ND	11,403.6	19,332
AED08002	01/11/05	824.7	157.3	87.1		14.4	25.4	ND	ND	ND	10,867.1	19,584
AED08701	01/13/05	1,985.1	738.6	1,382.8		16.7	26.2	5.2	ND	ND	2,164.2	9,432
AED08701	01/13/05	1,877.7	699.5	1,283.5		27.0	41.9	7.1	ND	ND		
RAA67701	01/18/05	2,146.8	1,121.1	1,615.6		49.4	66.9	24.9	10.4	ND	<100	5,670
RAA67702	01/18/05	1,718.0	886.7	1,282.8		51.2	69.9	25.8	11.1	ND	<100	5,706
AED09401	01/24/05	740.7	600.9	620.8		101.2	101.7	40.5	19.7	ND	ND	3,564
AED10101	01/31/05	81.3	99.2	18.9		58.7	80.7	17.2	8.0	ND	ND	1,059
RAA70201	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	153
RAA70202	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	142
RAA77701	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	293
RAA77702	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	49
RAA81081201	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	46
RAA85201	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	36
RAA87701	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	50
RAA90090201	07/18/05	2,071.6	898.7	2,406.3		18.2	29.6	17.0	ND	ND	43	6,714
RAA94201	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	184
RAA37501	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	66

TAN-26												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45301	10/19/04	4.7	ND	ND		ND	ND	ND	ND	ND	ND	26
RAA52801	11/16/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	3
RAA60301	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	27
RAA67801	01/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	41
RAA70301	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	53
RAA77801	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	6
RAA81081301	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	47
RAA85301	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	26
RAA85301	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA87801	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	24
RAA90090301	07/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	22
RAA94301	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA37601	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	27

TAN-31												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
AED05701	10/12/04	488.7	158.4	12.9		10.7	13.8	ND	ND	ND	8,636.6	15,390
AED06301	10/14/04	1,558.4	1,100.0	340.6		21.9	29.6	ND	ND	ND	5,051.0	7,749
RAA45801	10/19/04	1,695.3	1,293.1	597.0		21.1	41.8	19.1	ND	ND	ND	3,402
AED06901	10/25/04	675.4	624.5	183.3		34.8	70.3	28.4	9.8	ND	ND	1,509
AED06902	10/25/04	664.2	620.5	182.5		35.0	71.2	28.5	9.7	ND	ND	1,557
AED07501	11/01/04	31.0	52.6	11.3		5.7	22.3	ND	ND	ND	ND	281
AED07502	11/01/04	31.9	53.3	11.5		5.7	22.7	ND	ND	ND	ND	244
RAA53301	11/16/04	18.3	<5	2.3		<5	ND	ND	ND	ND	ND	76
RAA60801	12/14/04	32.4	5.9	12.3		<5	ND	ND	ND	ND	ND	107
AED08101	01/11/05	500.1	122.3	44.5		12.4	16.6	ND	ND	ND	7,579.5	12,636
AED08101	01/11/05	494.2	113.1	39.5		10.6	14.1	ND	ND	ND	8,821.2	
AED08801	01/13/05	1,095.0	664.1	535.4		15.4	21.4	4.2	ND	ND	2,001.1	6,660
RAA68301	01/18/05	1,192.7	883.0	535.4		19.8	39.3	14.9	ND	ND	ND	4,221
AED09501	01/24/05	526.4	500.0	2,36.9		31.0	58.3	26.7	8.6	ND	ND	2,331
AED09501	01/24/05	514.8	518.1	2,31.1		31.3	57.2	26.1	8.3	ND		
AED10201	01/31/05	25.5	84.8	6.1		12.3	26.9	6.1	ND	ND	ND	594
RAA70801	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	138
RAA70801	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA78301	03/15/05	9.8	<5	ND		ND	ND	ND	ND	ND	ND	54
RAA81081801	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	71
RAA85801	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	26
RAA88301	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	33
RAA88301	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA90090801	07/18/05	1,649.9	967.2	1,478		11.3	20.4	6.4	<5	ND	111.2	6,318
RAA94801	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	92
RAA38101	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	44
RAA38102	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	76

TAN-37A												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45901	10/18/04	16.4	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA53401	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA53401	11/15/04										ND	
RAA60901	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	19
RAA68401	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA70901	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA70901	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA78401	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81081901	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	35
RAA85901	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	3
RAA88401	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA90090901	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA94901	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	5
RAA38201	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	37

TAN-37B												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46001	10/18/04	53.2	4.8	ND		ND	6.6	ND	ND	ND	ND	0
RAA53501	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA61001	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	6
RAA61002	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	23
RAA68501	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA68502	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	23
RAA71001	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	20
RAA78501	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81082001	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	14
RAA86001	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA88501	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA90091001	07/19/05	46.1	17	51.4		ND	ND	ND	ND	ND	33.8	818
RAA95001	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA38301	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	38

TAN-37C												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46101	10/18/04	7.9	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA53601	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA53602	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA61101	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	30
RAA68601	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	43
RAA71101	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	44
RAA71101	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA78601	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	30
RAA78601	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA81082101	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	37
RAA86101	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA88601	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA90091101	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	9
RAA95101	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	24
RAA38401	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0

TAN-D2												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46301	10/19/04	6.5	ND	ND		ND	ND	ND	ND	ND	ND	22
RAA53801	11/16/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA61301	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	10
RAA68801	01/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	22
RAA71301	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	60
RAA78801	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81082301	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	15
RAA86301	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	6
RAA88801	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	9
RAA90091301	07/18/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	14
RAA95301	08/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	9
RAA38601	09/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	59

TAN-28												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45501	10/18/04	9.0	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA45502	10/18/04	7.3	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA53001	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA60501	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA68001	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA70501	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	29
RAA78001	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA81081501	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	26
RAA85501	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	9
RAA88001	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA90090501	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA94501	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA37801	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	14

TAN-30A												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45701	10/18/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	10
RAA53201	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA60701	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	74
RAA60701	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND		
RAA68201	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA70701	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	33
RAA78201	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	10
RAA81081701	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	7
RAA85701	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA85701	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA88201	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA88201	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	
RAA90090701	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	8
RAA94701	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA38001	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	29

TAN-29												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45601	10/18/04	7.3	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA45601	10/18/04	7.5	ND	ND		ND	ND	ND	ND	ND		
RAA53101	11/15/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA60601	12/14/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	11
RAA68101	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	20
RAA70601	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	42
RAA70602	02/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	24
RAA78101	03/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	10
RAA81081601	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	43
RAA81081602	04/12/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	50
RAA85601	05/10/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	1
RAA88101	06/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA90090601	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA94601	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	35
RAA37901	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	34

TAN-10A												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA46201	10/19/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	19
RAA53701	11/17/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	1
RAA53702	11/17/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA61201	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA68701	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA71201	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	32
RAA78701	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	3
RAA78702	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	15
RAA81082201	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	25
RAA81082202	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	34
RAA86201	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA88701	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	15
RAA90091201	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA95201	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA38501	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	10

TAN-27												
Sample Name	Sample Date	Acetate (mg/L)	Propionate (mg/L)	Butyrate (mg/L)	Lactate (mg/L)	Iso-butyrate (mg/L)	Iso-valerate (mg/L)	Valerate (mg/L)	Hexanoate (mg/L)	Formate (mg/L)	Lactose (mg/L)	COD (mg/L)
RAA45401	10/19/04	7.3	ND	ND		ND	ND	ND	ND	ND	ND	43
RAA52901	11/17/04	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA52901	11/17/04										ND	
RAA60401	12/13/04	<5	ND	ND		ND	ND	ND	ND	ND	ND	2
RAA67901	01/17/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	18
RAA67901	01/17/05	ND		ND		ND	ND	ND	ND	ND		
RAA70401	02/15/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	26
RAA77901	03/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	8
RAA81081401	04/11/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	39
RAA85401	05/09/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA87901	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA87902	06/14/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA90090401	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	4
RAA90090402	07/19/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA94401	08/16/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	0
RAA37701	09/13/05	ND	ND	ND		ND	ND	ND	ND	ND	ND	16

B-3.3 Fiscal Year 2005 Redox

TSF-05A						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
AED05401	10/12/04			2.29	10	14,604.1
AED06001	10/14/04			3.70	12	8,121.1
AED06002	10/14/04			4.00	11	9,176.7
RAA45001	10/18/04			4.10	0	11,670.0
AED06601	10/25/04			3.60	0	13,509.6
AED07201	11/01/04			5.80	0	9,546.3
AED07201	11/01/04					10,079.2
RAA52501	11/15/04			6.00	0	18,886.9
RAA60001	12/13/04			5.50	0	25,444.4
AED07801	01/11/05			4.20	9	11,220.4
AED07801	01/11/05					9,021.1
AED08501	01/13/05			4.50	1	7,388.6
AED08502	01/13/05			4.50	1	7,292.2
RAA67501	01/17/05			4.70	0	10,119.5
AED09201	01/24/05			4.20	0	8,575.4
AED09201	01/24/05					8,185.5
AED09901	01/31/05			3.60	0	10,325.5
RAA70001	02/14/05			4.60	0	18,211.4
AED10601	02/28/05			4.20	0	18,253.2
RAA77501	03/14/05			2.98	0	18,642.2
AED11301	03/29/05			3.30	0	27,453.7
AED11302	03/29/05			3.50	0	20,115.4
RAA81081001	04/11/05			2.83	3	18,137.8
AED14001	04/25/05			3.60	0	17,417.2
RAA85001	05/10/05			3.70	11	14,818.4
RAA85002	05/10/05			3.80	3	15,020.3
		Not sampled on 05/24/05; pump broken				
RAA87501	06/14/05			3.60	27	10,738.3
RAA90090001	07/18/05			5.00	0	8,808.4
RAA94001	08/15/05			5.40	0	15,223.4
RAA37301	09/12/05			4.80	0	17,535.4

TSF-05B						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
AED05501	10/12/04			3.30	11	19,618.0
AED06101	10/14/04			4.10	7	3,425.9
RAA45101	10/19/04			4.80	0	3,327.5
AED06701	10/25/04			4.00	0	14,994.6
AED06701	10/25/04					12,874.4
AED07301	11/01/04			6.80	0	15,827.1
RAA52601	11/16/04			6.80	0	19,435.9
RAA60101	12/14/04			4.80	0	22,058.3
AED07901	01/11/05			4.20	7	25,722.4
AED08601	01/13/05			4.40	2	3,220.5
RAA67601	01/18/05			4.80	0	8,596.1
AED09301	01/24/05			5.20	0	13,503.2
AED09302	01/24/05			2.50	0	12,818.9
AED10001	01/31/05			4.00	0	13,628.6
AED10002	01/31/05			4.20	0	10,310.1
RAA70101	02/15/05			4.00	0	13,469.6
AED10701	02/28/05			4.20	0	18,518.5
AED10702	02/28/05			4.20	0	19,729.0
RAA77601	03/15/05			4.60	0	15,454.4
RAA77601	03/15/05					15,701.3
AED11401	03/28/05			4.10	0	20,361.5
RAA81081101	04/12/05			2.76	0	20,194.4
AED14101	04/25/05			4.40	0	21,307.4
AED14102	04/25/05			4.20	0	21,795.8
RAA85101	05/09/05			7.00	0	20,429.9
RAA85102	05/09/05			7.50	0	20,470.9
Not sampled on 05/24/05 b/c pump broken						
RAA87601	06/15/05			5.60	0	23,054.2
RAA90090101	07/18/05			4.40	1	1,576.7
RAA94101	08/15/05			5.70	0	7,381.8
RAA37401	09/12/05			10.00	0	15,917.0

TAN-1859						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46401	10/19/04			3.50	0	12,776.1
RAA53901	11/16/04			4.20	0	21,876.0
RAA61401	12/14/04			4.40	0	18,771.0
RAA61401	12/14/04					21,352.2
AED08201	01/11/05			4.10	8	20,235.6
AED08901	01/13/05			2.38	4	9,318.2
AED08901	01/13/05					8,760.3
RAA68901	01/18/05			4.80	0	13,597.9
RAA68901	01/18/05					13,020.7
AED09601	01/24/05			3.50	0	17,559.3
AED10301	01/31/05			3.40	0	18,549.3
RAA71401	02/14/05			3.80	0	23,547.0
AED11001	02/28/05			3.70	0	23,791.5
RAA78901	03/15/05			3.50	0	22,241.7
AED11701	03/28/05			3.50	0	19,277.4
AED11701	03/28/05					19,183.9
RAA81082401	04/12/05			1.84	0	18,270.1
AED14401	04/25/05			1.36	0	17,206.4
RAA86401	05/10/05			1.38	0	13,793.7
AED20401	05/24/05			1.42	0	16,540.3
RAA88901	06/15/05			1.95	0	13,709.7
RAA90091401	07/18/05			4.4	1	8,785.6
RAA95401	08/15/05			2.46	0	20,058.4
RAA95402	08/15/05			2.52	0	19,425.6
RAA38701	09/12/05			1.68	0	16,899.6

TAN-1860						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46501	10/18/04			0.02	45	6,997.2
RAA54001	11/15/04			0.08	42	7,282.6
RAA61501	12/13/04			0.15	43	9,795.6
RAA69001	01/17/05			0.10	42	8,118.3
RAA71501	02/14/05			0.18	51	6,164.2
RAA79001	03/14/05			0.05	46	5,709.2
RAA81082501	04/11/05			0.06	43	6,092.6
RAA86501	05/09/05			0.13	34	5,217.3
RAA89001	06/14/05			0.11	45	9,335.1
RAA90091501	07/19/05			0.11	45	6,795.8
RAA95501	08/16/05			0.1	46	7,814.8
RAA38801	09/13/05			0.12	46	7,786.4
RAA46501	10/18/04			0.02	45	6,997.2
RAA54001	11/15/04			0.08	42	7,282.6
RAA61501	12/13/04			0.15	43	9,795.6
RAA69001	01/17/05			0.10	42	8,118.3
RAA71501	02/14/05			0.18	51	6,164.2
RAA79001	03/14/05			0.05	46	5,709.2
RAA81082501	04/11/05			0.06	43	6,092.6
RAA86501	05/09/05			0.13	34	5,217.3
RAA89001	06/14/05			0.11	45	9,335.1
RAA90091501	07/19/05			0.11	45	6,795.8
RAA95501	08/16/05			0.1	46	7,814.8
RAA38801	09/13/05			0.12	46	7,786.4

TAN-1861						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46601	10/19/04			0.34	43	18,969.2
RAA46601	10/19/04					12,931.2
RAA54101	11/16/04			0.30	43	16,402.5
RAA54101	11/16/04					15,402.3
RAA61601	12/14/04			0.28	46	15,591.7
RAA69101	01/18/05			0.25	44	13,564.2
RAA71601	02/15/05			0.31	46	13,684.9
RAA79101	03/14/05			0.35	44	11,730.7
RAA81082601	04/12/05			0.30	45	13,533.2
RAA86601	05/10/05			0.35	42	10,463.1
RAA89101	06/15/05			0.14	46	8,645.9
RAA89102	06/15/05			0.18	47	8,891.7
RAA90091601	07/18/05			0.21	47	10,058.1
RAA90091602	07/18/05			0.19	48	8,884.2
RAA95601	08/15/05			0.08	46	8,075.2
RAA38901	09/12/05			0.15	47	9,258.7

TAN-09						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA81082701	04/13/05			0.36	45	3,656.3
RAA86701	05/10/05			0.82	44	3,553.1
RAA89201	06/14/05			1.08	45	4,794.3
RAA90091701	07/18/05			1.22	48	4,691.7
RAA95701	08/15/05			1.52	47	3,948.4
RAA39001	09/12/05			1.75	47	4,953.6

TAN-25						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
AED05601	10/12/04			2.34	7	10,896.4
AED05602	10/12/04			4.00	12	12,907.1
AED06201	10/14/04			4.70	3	6,267.6
AED06201	10/14/04					4,979.6
RAA45201	10/19/04			4.00	0	14,199.5
RAA45202	10/19/04			3.90	0	11,920.2
AED06801	10/25/04			4.20	0	11,077.3
AED07401	11/01/04			4.80	0	12,468.0
RAA52701	11/16/04			4.70	0	13,506.6
RAA52702	11/16/04			4.80	0	15,045.6
RAA60201	12/14/04			4.90	0	19,654.3
RAA60202	12/14/04			4.80	0	19,836.0
AED08001	01/11/05			4.00	12	10,996.3
AED08002	01/11/05			4.00	11	10,151.5
AED08701	01/13/05			3.90	0	6,474.5
RAA67701	01/18/05			4.20	0	12,699.0
RAA67702	01/18/05			4.20	0	13,416.9
AED09401	01/24/05			4.20	0	11,214.0
AED10101	01/31/05			2.65	0	4,432.6
AED10101	01/31/05					6,922.0
RAA70201	02/15/05			5.20	0	10,929.2
RAA70202	02/15/05			5.10	0	12,140.0
AED10801	02/28/05			3.40	0	15,351.7
RAA77701	03/15/05			4.40	0	14,586.3
RAA77702	03/15/05			4.40	0	16,139.7
AED11501	03/28/05			4.20	0	15,302.4
RAA81081201	04/12/05			5.50	0	16,804.5
AED14201	04/25/05			4.60	0	16,938.2
RAA85201	05/10/05			4.90	0	14,530.5
RAA85201	05/10/05					14,262.5
AED20201	05/24/05			4.40	0	16,203.6
AED20201	05/24/05					16,052.9
RAA87701	06/15/05			4.50	0	13,568.9
RAA87701	06/15/05					13,230.3
RAA90090201	07/18/05			3.80	0	7,570.5
RAA94201	08/15/05			4.60	0	11,575.6
RAA37501	09/12/05			5.20	0	15,601.2
AED05601	10/12/04			2.34	7	10,896.4

TAN-26						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (μg/L)
RAA45301	10/19/04			2.20	0	27,327.9
RAA52801	11/16/04			2.37	0	26,989.7
RAA60301	12/14/04			2.31	0	28,494.5
RAA67801	01/18/05			2.12	0	27,773.8
RAA70301	02/14/05			2.57	0	25,844.5
RAA70301	02/14/05					23,405.7
RAA77801	03/15/05			2.71	0	19,685.5
RAA81081301	04/12/05			2.52	0	22,359.0
RAA81081301	04/12/05					24,203.1
RAA85301	05/10/05			2.81	0	20,692.5
RAA87801	06/15/05			2.43	0	22,313.6
RAA90090301	07/18/05			2.95	0	23,476.1
RAA94301	08/15/05			2.9	0	23,128.2
RAA37601	09/12/05			2.98	0	21,985.5

TAN-31						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
AED05701	10/12/04			3.30	7	7,359.3
AED05701	10/12/04					13,344.1
AED06301	10/14/04			4.00	13	6,575.8
RAA45801	10/19/04			3.90	0	11,436.3
AED06901	10/25/04			4.40	0	16,440.8
AED06902	10/25/04			4.60	0	16,048.7
AED07501	11/01/04			6.80	0	16,432.7
AED07502	11/01/04			6.80	0	20,578.8
RAA53301	11/16/04			6.20	0	19,539.3
RAA60801	12/14/04			5.30	0	26,487.7
AED08101	01/11/05			5.10	14	9,878.6
AED08801	01/13/05			4.70	3	5,369.7
RAA68301	01/18/05			4.00	0	11,328.0
AED09501	01/24/05			4.40	0	14,191.8
AED10201	01/31/05			3.90	0	12,926.1
RAA70801	02/14/05			4.60	0	26,615.0
AED10901	02/28/05			2.35	0	20,063.2
AED10901	02/28/05					17,300.7
RAA78301	03/15/05			4.30	0	23,833.6
AED11601	03/28/05			4.80	0	22,949.5
RAA81081801	04/12/05			5.20	0	24,542.1
AED14301	04/25/05			4.80	0	18,123.3
AED14301	04/25/05					17,946.8
RAA85801	05/10/05			4.50	0	23,087.5
AED20301	05/24/05			5.00	0	24,367.8
AED20302	05/24/05			5.50	0	23,120.7
RAA88301	06/15/05			5.50	0	18,826.9
RAA90090801	07/18/05			5.90	6	6,529.3
RAA94801	08/15/05			9.20	0	16,048.1
RAA94801	08/15/05					15,360.0
RAA38101	09/12/05			5.90	0	22,745.6
RAA38101	09/12/05			6.20	0	29,658.6

TAN-37A						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA45901	10/18/04			0.37	39	21,432.9
RAA53401	11/15/04			0.37	40	20,278.1
RAA60901	12/13/04			0.33	42	16,176.7
RAA68401	01/17/05			0.42	36	18,464.8
RAA70901	02/15/05			0.32	43	10,198.8
RAA78401	03/14/05			0.16	42	13,358.1
RAA81081901	04/11/05			0.13	40	17,539.8
RAA85901	05/09/05			0.14	41	14,412.6
RAA88401	06/14/05			0.14	43	14,018.8
RAA90090901	07/19/05			0.27	44	15,378.3
RAA94901	08/16/05			0.37	44	15,867.7
RAA38201	09/13/05			0.26	44	16,915.1

TAN-37B						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46001	10/18/04			0.43	37	18,047.2
RAA53501	11/15/04			0.51	38	16,579.7
RAA61001	12/13/04			0.56	41	19,587.8
RAA61002	12/13/04			0.56	40	16,544.2
RAA68501	01/17/05			0.66	41	18,967.4
RAA68502	01/17/05			0.64	40	19,983.8
RAA71001	02/15/05			1.35	41	13,304.6
RAA78501	03/14/05			0.62	40	19,801.0
RAA81082001	04/11/05			0.51	38	15,830.8
RAA81082001	04/11/05					15,652.3
RAA86001	05/09/05			0.37	37	13,326.3
RAA88501	06/14/05			0.34	42	18,581.3
RAA90091001	07/19/05			0.09	40	13,505.9
RAA90091001	07/19/05					15,731.1
RAA95001	08/16/05			0.58	44	18,366.2
RAA38301	09/13/05			0.43	42	14,118.8

TAN-37C						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46101	10/18/04			3.2	0	28,024.7
RAA53601	11/15/04			3.2	0	33,903.4
RAA53602	11/15/04			2.96	0	34,165.7
RAA61101	12/13/04			3.3	0	21,397.0
RAA61101	12/13/04					19,656.5
RAA68601	01/17/05			3.5	0	23,998.2
RAA71101	02/15/05			3.9	0	22,181.3
RAA71101	02/15/05					19,125.0
RAA78601	03/14/05			2.79	0	28,567.2
RAA81082101	04/11/05			3.3	0	28,208.6
RAA86101	05/09/05			3.6	0	30,807.7
RAA88601	06/14/05			3.4	0	21,464.9
RAA90091101	07/19/05			3.3	0	25,984.0
RAA95101	08/16/05			3.5	0	23,915.5
RAA38401	09/13/05			3.2	0	24,211.8

TAN-D2						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46301	10/19/04			1.56	39	940.4
RAA53801	11/16/04			4.00	32	1,190.7
RAA61301	12/14/04			1.58	36	1,164.3
RAA68801	01/18/05			3.70	31	10,555.6
RAA71301	02/15/05			1.90	21	3,251.2
RAA78801	03/15/05			2.03	12	3,565.2
RAA81082301	04/12/05			1.09	55	332.6
RAA86301	05/10/05			0.05	62	187.0
RAA88801	06/14/05			3.80	53	339.7
RAA90091301	07/18/05			3.80	42	1,214.8
RAA90091301	07/18/05					1,289.9
RAA95301	08/15/05			4.00	37	1,626.8
RAA38601	09/12/05			6.00	21	3,279.9

TAN-28						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA45501	10/18/04			0.00	45	4,388.1
RAA45502	10/18/04			0.02	42	3,883.0
RAA53001	11/15/04			0.00	41	4,617.6
RAA60501	12/13/04			0.02	43	4,891.6
RAA68001	01/17/05			0.00	44	4,007.9
RAA70501	02/14/05			0.02	42	3,371.6
RAA78001	03/14/05			0.04	45	3,509.7
RAA78001	03/14/05					3,579.0
RAA81081501	04/11/05			0.03	44	4,141.2
RAA85501	05/09/05			0.01	31	3,450.1
RAA88001	06/14/05			0.01	43	3,469.9
RAA90090501	07/19/05			0.03	46	3,378.0
RAA94501	08/16/05			0.02	46	3,573.8
RAA37801	09/13/05			0.01	43	3,527.6

TAN-30A						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA45701	10/18/04			0.38	21	16,790.5
RAA53201	11/15/04			0.38	22	20,740.9
RAA53201	11/15/04					18,689.2
RAA60701	12/13/04			0.37	23	17,902.6
RAA68201	01/17/05			0.35	21	17,366.8
RAA70701	02/14/05			0.39	23	18,935.3
RAA78201	03/14/05			0.52	22	16,109.8
RAA81081701	04/11/05			0.48	20	16,758.8
RAA85701	05/09/05			0.57	20	16,417.3
RAA85701	05/09/05					13,805.3
RAA88201	06/14/05			0.61	21	12,925.5
RAA90090701	07/19/05			0.66	20	16,083.6
RAA94701	08/16/05			0.82	18	13,026.0
RAA94701	08/16/05					14,254.8
RAA38001	09/13/05			0.79	20	15,040.6

TAN-29						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA45601	10/18/04			0.02	42	5,947.6
RAA45601	10/18/04					6,213.9
RAA53101	11/15/04			0.02	41	9,072.3
RAA60601	12/14/04			0.04	41	7,613.6
RAA68101	01/17/05			0.07	45	5,054.5
RAA70601	02/14/05			0.03	43	2,826.8
RAA70602	02/14/05			0.02	42	3,055.1
RAA78101	03/15/05			0.08	45	3,839.5
RAA81081601	04/12/05			0.03	47	4,435.3
RAA81081602	04/12/05			0.04	47	4,685.4
RAA85601	05/10/05			0.01	44	2,638.4
RAA88101	06/15/05			0.03	48	624.3
RAA90090601	07/19/05			0.02	48	498.0
RAA94601	08/16/05			0.04	46	401.5
RAA37901	09/13/05			0.03	46	428.5
RAA37901	09/13/05			0.02	49	351.8

TAN-10A						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA46201	10/19/04			1.13	46	5,181.4
RAA53701	11/17/04			0.96	45	5,703.8
RAA53702	11/17/04			0.88	47	5,665.2
RAA61201	12/13/04			0.99	47	6,042.7
RAA68701	01/17/05			1.05	43	5,061.8
RAA68701	01/17/05					5,412.2
RAA71201	02/15/05			1.11	47	6,827.4
RAA78701	03/14/05			1.17	48	5,745.1
RAA78702	03/14/05			1.14	48	5,793.9
RAA81082201	04/11/05			1.12	46	5,684.4
RAA81082202	04/11/05			1.08	47	5,424.3
RAA86201	05/09/05			1.23	45	4,726.7
RAA88701	06/14/05			1.26	47	5,206.2
RAA90091201	07/19/05			1.3	48	4,880.6
RAA95201	08/16/05			1.17	45	5,693.3
RAA38501	09/13/05			1.30	47	4,480.5

TAN-27						
Sample ID	Date	Dissolved Oxygen (mg/L)	Nitrate (mg/L)	Iron (mg/L)	Sulfate (mg/L)	Methane (µg/L)
RAA45401	10/19/04			0.13	41	3,544.0
RAA52901	11/17/04			0.05	42	2,861.2
RAA52901	11/17/04					3,030.4
RAA60401	12/13/04			0.12	46	3,406.3
RAA67901	01/17/05			0.23	46	4,057.2
RAA70401	02/15/05			0.28	43	2,824.4
RAA77901	03/14/05			0.30	45	2,900.1
RAA81081401	04/11/05			0.25	45	3,017.5
RAA85401	05/09/05			0.29	43	2,529.9
RAA87901	06/14/05			0.46	45	2,994.1
RAA87902	06/14/05			0.43	46	3,087.8
RAA90090401	07/19/05			0.46	46	3,226.4
RAA90090402	07/19/05			0.48	45	2,911.4
RAA94401	08/16/05			0.48	46	3,167.1
RAA94402	08/16/05			0.52	47	3,172.5
RAA37701	09/13/05			0.32	50	3,207.3

B-3.4 Fiscal Year 2005 Sr-90

TAN-25					
Sample ID	Date	Sr-90 (pCi/L)	+/-	Minimum Detectable Activity (MDA)	Flag
RAA45201	10/19/04	1,540	213	0.515	J
RAA45202	10/19/04	1,370	172	0.567	
RAA52701	11/16/04	932	132	1.01	
RAA52702	11/16/04	791	98.3	0.874	
RAA60201	12/14/04	858	129	0.634	
RAA60202	12/14/04	798	110	0.509	
RAA67701	01/18/05	2,410	296	0.555	
RAA67702	01/18/05	2,610	370	0.635	
RAA70201	02/15/05	1,120	21.3	0.745	
RAA70202	02/15/05	1,110	22	0.556	
RAA77701	03/15/05	929	20.2	2.08	
RAA77702	03/15/05	874	38.8	1.82	
RAA81081201	04/12/05	713	10.8	1.24	
RAA81081202	04/12/05	666	9.44	0.996	
RAA85201	05/10/05	675	8.9	0.761	
RAA85202	05/10/05	603	8.83	0.906	
RAA87701	06/15/05	669	8.17	0.4	
RAA87702	06/15/05	638	8.1	0.511	

B-3.5 Fiscal Year 2005 Tritium

Field Blanks					
Sample ID	Date	H-3 (pCi/L)	+/-	Minimum Detectable Concentration (MDC)	Flag
RAA46701	10/18/04	153	98.2	323	U
RAA46801	10/19/04	-67.6	110	405	UJ
RAA54201	11/15/04	-32.3	78.3	266	
RAA54301	11/16/04	30.1	85.9	298	
RAA54401	11/17/04	23	91.5	318	
RAA61701	12/13/04	-64.8	103	368	U
RAA61801	12/14/04	170	94.7	309	U
RAA69201	01/17/05	99.7	92.7	311	U
RAA69301	01/18/05	64.9	83.8	28.6	U
RAA71701	02/14/05	174	103	336	U
RAA71801	02/15/05	34.9	97.5	337	U
RAA79201	03/14/05	-15.2	84.6	294	U
RAA79301	03/15/05	-30.6	88.1	315	U
RAA810828	04/11/05	-21.6	92.4	314	
RAA810829	04/12/05	-30.5	95.3	324	
RAA86801	05/09/05	168	84.9	277	U
RAA86901	05/10/05	144	85.4	280	U
RAA89301	06/14/05	265	103	322	
RAA89401	06/15/05	34.7	85.1	296	
RAA					

TSF-05A					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45001	10/18/04	2,280	132	330	
RAA52501	11/15/04	1,540	104	277	
RAA60001	12/13/04	1,460	150	364	
RAA67501	01/17/05	2,590	164	307	
RAA70001	02/14/05	1,940	154	325	
RAA77501	03/14/05	979	105	301	
RAA81081001	04/11/05	852	104	305	
RAA85001	05/10/05	1,030	136	347	
RAA85002	05/10/05	1,080	139	351	
RAA87501	06/14/05	1,170	119	269	
RAA90090001	07/18/05	1,800	164	370	
RAA94001	08/15/05	1,480	100	255	
RAA37301	09/12/05	1,580	114	295	

TSF-05B					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45101	10/19/04	1,720	185	420	J
RAA52601	11/16/04	1,740	143	304	
RAA60101	12/14/04	1,820	149	313	
RAA67601	01/18/05	2,010	151	300	
RAA70101	02/15/05	2,320	158	306	
RAA77601	03/15/05	1,820	124	324	
RAA81081101	04/12/05	1,580	120	319	
RAA85101	05/09/05	1,510	152	351	
RAA85102	05/09/05	1,700	157	351	
RAA87601	06/15/05	1,890	147	292	
RAA90090101	07/18/05	1,210	145	364	
RAA94101	08/15/05	1,680	104	256	
RAA37401	09/12/05	1,880	119	297	

TAN-1859					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46401	10/19/04	2,680	204	391	J
RAA53901	11/16/04	2,780	121	282	
RAA61401	12/14/04	2,980	173	301	
RAA68901	01/18/05	4,020	188	276	
RAA71401	02/14/05	2,930	179	332	
RAA78901	03/15/05	2,520	124	293	
RAA81082401	04/12/05	4,410	159	321	
RAA86401	05/10/05	5,940	171	282	
RAA88901	06/15/05	6,070	242	306	
RAA90091401	07/19/05	4,640	158	308	
RAA95401	08/15/05	4,630	157	304	
RAA95402	08/15/05	4,400	159	318	
RAA38701	09/12/05	6,210	256	333	

TAN-1860					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46501	10/18/04	1,800	125	330	
RAA54001	11/15/04	1,280	102	281	
RAA61501	12/13/04	1,630	157	373	
RAA69001	01/17/05	1,820	148	316	
RAA71501	02/14/05	1,300	138	331	
RAA79001	03/14/05	1,700	110	285	
RAA81082501	04/11/05	2,090	129	324	
RAA86501	05/09/05	1,980	117	282	J
RAA89001	06/14/05	1,520	135	288	
RAA90091501	07/19/05	1,200	108	299	
RAA95501	08/16/05	1,250	109	298	
RAA38801	09/13/05	1,290	140	326	

TAN-1861					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46601	10/19/04	334	128	400	UJ
RAA54101	11/16/04	427	83.7	261	
RAA61601	12/14/04	405	103	307	
RAA69101	01/18/05	715	109	286	
RAA71601	02/15/05	483	113	332	
RAA79101	03/14/05	128	88	290	U
RAA81082601	04/12/05	212	99.7	325	
RAA86601	05/10/05	628	94.6	281	J
RAA89101	06/15/05	614	107	290	
RAA89102	06/15/05	354	118	379	
RAA90091601	07/18/05	327	125	395	
RAA95601	08/15/05	388	98	309	
RAA38901	09/12/05	458	114	334	

TAN-09					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA81082701	04/13/05	1,320	117	323	
RAA86701	05/10/05	1,640	112	281	J
RAA89201	06/14/05	1,710	137	279	
RAA90091701	07/18/05	1,650	175	419	
RAA95701	08/15/05	1,570	111	289	
RAA39001	09/12/05	1,630	127	256	

TAN-25					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45201	10/19/04	2,380	194	385	J
RAA45202	10/19/04	2,060	185	386	J
RAA52701	11/16/04	2,710	116	267	
RAA52702	11/16/04	2,890	171	305	
RAA60201	12/14/04	3,060	176	305	
RAA60202	12/14/04	2,980	174	304	
RAA67701	01/18/05	2,870	165	281	
RAA67702	01/18/05	2,990	168	283	
RAA70201	02/15/05	3,150	182	321	
RAA70202	02/15/05	3,000	179	323	
RAA77701	03/15/05	2,700	135	319	
RAA77702	03/15/05	2,490	130	314	
RAA81081201	04/12/05	2,570	136	326	
RAA85201	05/10/05	2,600	180	347	
RAA87701	06/15/05	2,570	154	264	
RAA90090	07/18/05	2,760	200	409	
RAA94201	08/15/05	2,880	121	257	
RAA37501	09/12/05	2,960	135	297	

TAN-26					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45301	10/19/04	2,380	194	386	J
RAA52801	11/16/04	1,790	145	305	
RAA60301	12/14/04	1,810	165	383	
RAA67801	01/18/05	1,920	140	273	
RAA70301	02/14/05	1,890	150	316	
RAA77801	03/15/05	1,660	123	328	
RAA81081301	04/12/05	1,750	125	327	
RAA85301	05/10/05	2,190	170	350	
RAA87801	06/15/05	1,850	140	276	
RAA87801	06/15/05	1,850	140	276	
RAA90090	07/18/05	1,960	180	411	
RAA94301	08/15/05	1,710	103	253	
RAA37601	09/12/05	1,920	118	291	

TAN-31					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45801	10/19/04	1,710	186	426	J
RAA53301	11/16/04	1,630	145	319	
RAA60801	12/14/04	1,680	142	305	
RAA68301	01/18/05	2,160	148	280	
RAA70801	02/14/05	1,930	153	322	
RAA78301	03/15/05	1,160	116	330	
RAA81081801	04/12/05	1,520	121	325	
RAA85801	05/10/05	1,920	168	364	
RAA88301	06/15/05	1,670	142	296	
RAA45801	10/19/04	1,710	186	426	J
RAA90090	07/18/05	2,060	170	368	
RAA94801	08/15/05	1,760	103	248	
RAA38101	09/12/05	1,450	146	331	

TAN-37A					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45901	10/18/04	1,940	124	320	
RAA53401	11/15/04	1,900	109	278	
RAA60901	12/13/04	2,160	169	368	
RAA68401	01/17/05	2,040	156	323	
RAA70901	02/15/05	1,690	145	316	
RAA78401	03/14/05	1,560	115	307	
RAA81081901	04/11/05	1,850	125	323	
RAA85901	05/09/05	1,700	160	359	
RAA88401	06/14/05	1,380	135	302	
RAA45901	10/18/04	1,940	124	320	
RAA90090	07/19/05	1,470	152	364	
RAA94901	08/16/05	1,320	111	303	
RAA38201	09/13/05	1,220	145	350	

TAN-37B					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46001	10/18/04	1,810	124	328	
RAA53501	11/15/04	1,610	103	270	
RAA61001	12/13/04	1,980	165	368	
RAA61002	12/13/04	1,640	153	357	
RAA68501	01/17/05	2,180	159	320	
RAA68502	01/17/05	2,010	154	319	
RAA71001	02/15/05	1,910	153	325	
RAA78501	03/14/05	1,450	111	301	
RAA81082001	04/11/05	1,490	116	310	
RAA86001	05/09/05	1,790	115	284	J
RAA88501	06/14/05	1,300	135	308	
RAA90091	07/19/05	1,090	153	403	
RAA95001	08/16/05	1,380	115	312	
RAA38301	09/13/05	938	137	354	

TAN-37C					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46101	10/18/04	1,930	125	323	
RAA53601	11/15/04	1,700	105	272	
RAA53602	11/15/04	1,670	104	272	
RAA61101	12/13/04	1,790	157	357	
RAA68601	01/17/05	2,210	159	319	
RAA71101	02/15/05	1,710	145	315	
RAA78601	03/14/05	1,460	104	277	
RAA81082101	04/11/05	1,590	121	324	
RAA86101	05/09/05	1,910	117	284	J
RAA88601	06/14/05	1,990	156	314	
RAA90091	07/19/05	1,370	147	357	
RAA95101	08/16/05	1,570	119	316	
RAA38401	09/13/05	1,340	148	348	

TAN-D2					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46301	10/19/04	-14	110	418	UJ
RAA53801	11/16/04	34.1	97.2	337	U
RAA61301	12/14/04	136	93.6	310	U
RAA68801	01/18/05	168	90.9	295	U
RAA71301	02/15/05	67.7	95.8	327	U
RAA78801	03/15/05	-87.3	83.1	286	U
RAA81082301	04/12/05	-30.2	94.4	321	
RAA86301	05/10/05	248	87.8	282	UJ
RAA88801	06/14/05	201	89.2	285	
RAA90091	07/19/05	0	112	393	?
RAA95301	08/15/05	99.1	95.4	317	?
RAA38601	09/12/05	175	101	331	

TAN-28					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45501	10/18/04	4,560	160	327	
RAA45502	10/18/04	4,550	159	327	
RAA53001	11/15/04	4,170	130	256	
RAA60501	12/13/04	4,760	233	392	
RAA68001	01/17/05	4,840	216	319	
RAA70501	02/14/05	4,550	212	323	
RAA78001	03/14/05	4,030	148	309	
RAA81081501	04/11/05	4,640	163	326	
RAA85501	05/09/05	4,430	222	350	
RAA88001	06/14/05	4,060	190	272	
RAA90090	07/19/05	4,120	287	528	
RAA94501	08/16/05	4,270	139	256	
RAA37801	09/13/05	3,950	149	298	

TAN-30A					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45701	10/18/04	2,910	138	325	
RAA53201	11/15/04	2,430	112	265	
RAA60701	12/13/04	2,710	183	372	
RAA68201	01/17/05	2,820	172	315	
RAA70701	02/14/05	2,740	174	325	
RAA78201	03/14/05	2,410	128	313	
RAA81081701	04/11/05	2,740	138	325	
RAA85701	05/09/05	2,890	189	355	
RAA88201	06/14/05	2,610	153	258	
RAA90090	07/19/05	2,640	179	353	
RAA94701	08/16/05	2,510	112	243	
RAA38001	09/13/05	2,760	164	281	

TAN-29					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45601	10/18/04	2,560	134	325	
RAA53101	11/15/04	2,670	117	272	
RAA60601	12/14/04	2,400	158	299	
RAA68101	01/17/05	2,160	162	332	
RAA70601	02/14/05	2,030	156	323	
RAA70602	02/14/05	2,040	157	324	
RAA78101	03/15/05	2,380	132	326	
RAA81081601	04/12/05	2,740	139	326	
RAA81081602	04/12/05	2,830	139	323	
RAA85601	05/10/05	2,530	180	354	
RAA88101	06/15/05	1,610	239	684	
RAA90090	07/19/05	1,610	161	378	
RAA94601	08/16/05	1,330	88.5	224	
RAA37901	09/13/05	1,180	108	295	

TAN-10A					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA46201	10/19/04	172	124	411	UJ
RAA53701	11/17/04	262	103	324	UJ
RAA53702	11/17/04	413	111	332	UJ
RAA61201	12/13/04	187	113	373	U
RAA68701	01/17/05	338	103	317	
RAA71201	02/15/05	309	104	322	UJ
RAA78701	03/14/05	-18.7	93.9	318	U
RAA78702	03/14/05	-34.2	95.1	323	U
RAA81082201	04/11/05	218	99.9	325	
RAA81082202	04/11/05	163	99.1	326	
RAA86201	05/09/05	449	92.2	284	UJ
RAA88701	06/14/05	426	103	302	
RAA90091	07/19/05	207	112	400	
RAA95201	08/16/05	191	94.3	308	
RAA38501	09/13/05	187	108	353	

TAN-27					
Sample ID	Date	H-3 (pCi/L)	+/-	MDC	Flag
RAA45401	10/19/04	371	131	404	UJ
RAA52901	11/17/04	546	110	315	
RAA60401	12/13/04	527	123	365	
RAA67901	01/17/05	565	112	320	
RAA70401	02/15/05	848	125	331	
RAA77901	03/14/05	519	106	331	
RAA81081401	04/11/05	407	103	326	
RAA85401	05/09/05	578	122	350	
RAA87901	06/14/05	800	111	284	
RAA87902	06/14/05	668	103	271	
RAA90090402	07/19/05	597	139	411	
RAA94401	08/16/05	572	85.8	256	
RAA37701	09/13/05	541	96.6	294	

B-3.6 Fiscal Year 2005 VOCs

TSF-05A All values reported in (µg/L)									
Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
AED05401	10/12/04	<10	148.0	221.7	148.2	<10	106.2	277.8	ND
AED05401	10/12/04	<10	154.6	236.9	155.4	<10	105.5		
AED06001	10/14/04	ND	135.5	188.5	266.2	10.9	115.7	158.8	ND
AED06002	10/14/04	ND	141.3	192.7	272.2	11.9	113.8	178.8	ND
RAA45001	10/18/04	<10	85.3	215.5	312.3	7.4	108.4	198.9	ND
RAA45001	10/18/04	<10	100.3	244.9	344.4	7.2	104.3		
AED06601	10/25/04	ND	<10	254.5	267.4	7.4	92.2	179.2	ND
AED07201	11/01/04	ND	<10	127.7	234.4	7.2	52.9	127.3	ND
AED07201	11/01/04	ND	<10	127.0	225.2	7.1	51.9	129.0	ND
RAA52501	11/15/04	ND	<10	20.9	188.9	1.8	40.2	329.3	ND
RAA60001	12/13/04	<10	<10	5.4	166.1	<10	26.0	466.0	ND
AED07801	01/11/05	2.5	179.8	271.8	132.7	5.3	82.2	269.5	ND
AED07801	01/11/05	3.0	181.5	270.6	133.3	5.3	82.8	236.9	ND
AED08501	01/13/05	<10	342.0	311.2	220.2	<10	110.0	181.8	ND
AED08502	01/13/05	<10	360.0	315.8	221.8	<10	106.4	170.5	ND
RAA67501	01/17/05	<10	371.4	294.0	257.5	4.4	141.9	167.0	ND
AED09201	01/24/05	ND	<10	458.4	338.7	3.7	108.5	147.8	ND
AED09201	01/24/05	ND	<10	461.3	343.2	3.6	110.0	145.6	ND
AED09901	01/31/05	ND	<10	204.0	215.5	<10	64.5	148.0	ND
RAA70001	02/14/05	ND	<10	16.5	224.2	ND	26.7	279.2	ND
AED10601	02/28/05	ND	<10	4.2	192.5	ND	23.6	311.9	ND
RAA77501	03/14/05	ND	<10	<10	188.4	ND	14.5	409.0	ND
RAA77501	03/14/05	ND	<10	<10	191.5	ND	15.8		
AED11301	03/29/05	<10	<10	<10	156.6	ND	21.6	669.4	ND
AED11302	03/29/05	<10	<10	<10	173.5	ND	21.9	476.3	ND
RAA81081001	04/11/05	<10	<10	<10	143.1	ND	6.5	435.0	ND
AED14001	04/25/05	<10	<10	<10	114.5	ND	7.3	421.1	ND
AED14001	04/25/05	<10	<10	<10	116.3	ND	7.4		
RAA85001	05/10/05	<10	<10	<10	118.8	ND	12.2	329.9	114.3
RAA85002	05/10/05	<10	<10	<10	119.1	ND	12.0	337.1	115.4
Not sampled on 5/24/05 due to pump being broken									
RAA87502	06/14/05	<10	<10	<10	97.2	6.5	ND	284.0	95.1
RAA90090001	07/18/05	8.7	460.5	167.0	240.8	<10	103.4	190.7	ND
RAA94001	08/15/05	ND	0.7	40.2	160.6	0.3	ND	239.6	ND
RAA37301	09/12/05	ND	<10	6.7	143.7	ND	ND	265.3	ND

TSF-05B

All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
AED05501	10/12/04	<10	109.5	185.2	130.9	<10	91.8	269.4	ND
AED06101	10/14/04	ND	132.4	203.9	157.0	11.0	74.8	90.5	ND
AED06101	10/14/04	ND	132.0	196.1	147.1	11.3	66.9		
RAA45101	10/19/04	<10	191.3	190.9	180.2	7.7	62.7	52.6	ND
AED06701	10/25/04	ND	23.5	332.0	252.1	8.0	91.4	176.1	ND
AED06701	10/25/04	ND	23.7	330.7	250.4	8.1	91.6	151.2	ND
AED07301	11/01/04	ND	<10	189.7	226.9	7.7	65.4	156.7	ND
RAA52601	11/16/04	ND	<10	61.2	185.1	5.1	30.7	238.7	ND
RAA60101	12/14/04	ND	<10	32.0	179.9	<10	25.1	330.3	ND
RAA60101	12/14/04	ND	<10	29.3	171.3	<10	16.5		
AED07901	01/11/05	<10	193.9	309.0	136.9	5.4	85.4	382.1	ND
AED08601	01/13/05	3.1	356.2	262.3	182.6	<10	64.3	88.8	ND
RAA67601	01/18/05	14.1	538.5	286.2	179.9	5	79.2	110.1	ND
AED09301	01/24/05	ND	31.0	525.6	304.4	4	102.9	176.5	ND
AED09302	01/24/05	ND	35.3	525.2	308.2	4.2	103.9	167.1	ND
AED10001	01/31/05	ND	<10	296.1	223.2	<10	78.3	152.1	ND
AED10002	01/31/05	ND	<10	301.5	216.4	<10	78.3	122.6	ND
RAA70101	02/15/05	ND	<10	69.1	217.8	ND	18.4	154.1	ND
AED10701	02/28/05	ND	<10	58.0	225.6	ND	23.8	221.5	ND
AED10702	02/28/05	ND	<10	58.0	221.9	ND	23.5	231.5	ND
RAA77601	03/15/05	ND	10.0	55.5	198.2	3.2	23.3	243.3	ND
RAA77601	03/15/05							249.9	ND
AED11401	03/28/05	ND	<10	5.1	186.2	ND	7.5	325.8	ND
AED11401	03/28/05	ND	<10	5.3	189.6	ND	7.6		
RAA81081101	04/12/05	ND	<10	17.1	176.7	ND	ND	370.5	ND
AED14101	04/25/05	ND	<10	8.6	171.8	ND	8.1	369.9	ND
AED14102	04/25/05	ND	<10	8	171	ND	8	368.5	ND
RAA85101	05/09/05	<10	<10	<10	163	ND	13	358.93	124
RAA85102	05/09/05	<10	<10	<10	161.4	ND	12.4	356.3	123.4
Not sampled on 5/24/05 due to pump being broken									
RAA87602	06/15/05	<10	51.5	43.5	155.6	6.2	25.7	341.5	243.8
RAA90090101	07/18/05	ND	1,056.3	102.6	94.1	<10	23.6	40.0	ND
RAA94101	08/15/05	ND	1.0	92.2	160.5	7.3	34.8	134.9	ND
RAA37401	09/12/05	<10	137.3	94.3	168.6	2.6	14	145.1	ND

TAN-1859
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46401	10/19/04	<10	<10	89.1	213.4	7.8	21.3	4.0	ND
RAA53901	11/16/04	ND	<10	27.8	175.2	ND	5.9	ND	ND
RAA61401	12/14/04	<10	<10	<10	163.1	ND	24.7	4.8	ND
RAA61401	12/14/04							6.0	ND
AED08201	01/11/05	7.0	4.9	3.2	205.0	5.7	3.9	21.9	ND
AED08901	01/13/05	ND	16.0	31.9	176.8	<10	14.4	3.6	ND
AED08901	01/13/05	ND	11.5	28.1	178.0	<10	14.4	3.1	ND
RAA68901	01/18/05	<10	<10	85.9	180.9	ND	<10	ND	ND
AED09601	01/24/05	ND	<10	48.0	235.2	ND	5.6	3.3	ND
AED10301	01/31/05	ND	<10	6.3	171.7	ND	<10	ND	ND
RAA71401	02/14/05	ND	2.7	5.6	187.8	ND	7.3	9.4	ND
AED11001	02/28/05	ND	<10	3.4	186.4	ND	6.4	ND	ND
AED11001	02/28/05	ND	<10	3.5	187.7	ND	6.5		
RAA78901	03/15/05	ND	2.5	4.1	177.8	ND	5.4	ND	ND
AED11701	03/28/05	ND	<10	3.2	190.1	ND	ND	10.9	ND
AED11701	03/28/05							10.9	ND
RAA81082401	04/12/05	ND	3.0	5.7	212.5	ND	3.4	22.9	ND
AED14401	04/25/05	ND	<10	13.3	241.9	ND	6.3	29.4	ND
RAA86401	05/10/05	ND	<10	5.5	263.6	ND	7.8	26.4	ND
AED20401	05/24/05	ND	<10	6.8	278.7	ND	7.0	33.6	ND
AED20401	05/24/05	ND	<10	5.5	265.1	ND	8.6		
RAA88902	06/15/05	ND	<10	16.1	278.2	ND	ND	37.7	ND
RAA90091401	07/18/05	3.5	15.3	58.8	241.2	<10	11.3	11.3	ND
RAA95401	08/15/05	ND	1.2	24.2	279.6	ND	16.7	42.5	ND
RAA95402	08/15/05	ND	1.2	24.9	282.2	ND	17.4	37.0	ND
RAA38701	09/12/05	ND	<10	29.3	341.2	ND	ND	64.4	ND

TAN-1860

All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46501	10/18/04	<10	295.3	8.5	29.9	7.0	5.4	ND	ND
RAA54001	11/15/04	2.1	181.1	7.6	35.5	5.2	4.2	ND	ND
RAA54001	11/15/04	3.6	172.6	8.6	34.2	4.9	2.9		
RAA61501	12/13/04	3.8	64.1	<10	37.1	<10	<10	ND	ND
RAA61501	12/13/04	7.3	60.8	<10	36.7	<10	<10		
RAA69001	01/17/05	5.2	94.1	<10	37.9	3.5	<10	ND	ND
RAA71501	02/14/05	3.0	112.9	8.4	45.0	3.3	3.5	ND	ND
RAA71501	02/14/05	3.5	113.0	8.6	45.3	3.2	3.5		
RAA79001	03/14/05	9.9	80.7	<10	34.2	3.3	<10	ND	ND
RAA81082501	04/11/05	10.9	85.8	<10	33.0	ND	<10	ND	ND
RAA86501	05/09/05	<10	78.8	<10	32.0	<10	<10	ND	ND
RAA89002	06/14/05	<10	154.7	9.0	54.8	5.6	6.2	ND	ND
RAA89002	06/14/05	<10	154.2	9.0	55.2	5.8	6.3		
RAA90091501	07/19/05	2.8	162.4	11.1	43.2	<10	<10	ND	ND
RAA95501	08/16/05	2.6	134.8	10.7	59.6	0.4	ND	ND	ND
RAA38801	09/13/05	<10	147.4	11.1	70.9	<10	5.8	ND	ND

TAN-1861
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46601	10/19/04	<10	62.5	<10	23.7	ND	1.9	ND	ND
RAA46601	10/19/04							ND	ND
RAA54101	11/16/04	<10	39.0	<10	17.1	ND	1.0	ND	ND
RAA54101	11/16/04							ND	ND
RAA61601	12/14/04	<10	48.3	<10	28.0	ND	10.5	ND	ND
RAA69101	01/18/05	<10	67.5	<10	33.7	ND	ND	ND	ND
RAA71601	02/15/05	2.7	63.6	5.5	38.0	3.2	2.7	ND	ND
RAA71601	02/15/05	4.6	65.7	5.6	38.6	3.2	2.7		
RAA79101	03/14/05	3.3	48.4	3.9	39.6	3.1	<10	ND	ND
RAA81082601	04/12/05	<10	29.7	<10	33.8	<10	<10	ND	ND
RAA86601	05/10/05	<10	34.3	<10	30.0	ND	<10	ND	ND
RAA89102	06/15/05	<10	25.8	<10	22.6	ND	ND	ND	ND
RAA89103	06/15/05	<10	23.4	<10	21.5	ND	ND	ND	ND
RAA90091601	07/18/05	<10	25.8	<10	20.9	ND	ND	ND	ND
RAA90091602	07/18/05	5.1	26.7	<10	20.5	ND	ND	ND	ND
RAA95601	08/15/05	1.0	25.2	-1.8	18.2	0.4	ND	ND	ND
RAA38901	09/12/05	<10	32.5	<10	22.3	ND	ND	ND	ND

TAN-09
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA81082701	04/13/05	12.6	50.9	<10	5.5	<10	ND	ND	ND
RAA86701	05/10/05	<10	50.7	<10	<10	<10	<10	ND	ND
RAA89202	06/14/05	<10	54.2	<10	<10	ND	ND	ND	ND
RAA90091701	07/18/05	7.1	56.4	<10	7.0	<10	ND	ND	ND
RAA95701	08/15/05	7.8	49.6	-2.3	7.8	0.4	1.7	ND	ND
RAA39001	09/12/05	<10	56.8	<10	8.7	<10	18.9	ND	ND

TAN-25
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
AED05601	10/12/04	<10	94.5	45.6	123.2	<10	21.3	23.0	ND
AED05602	10/12/04	<10	93.3	45.5	123.5	<10	21.5	30.3	ND
AED06201	10/14/04	<10	212.3	83.9	117.0	11.9	18.0	7.3	ND
AED06201	10/14/04							7.7	ND
RAA45201	10/19/04	ND	48.9	265.7	132.0	ND	29.1	20.3	ND
RAA45202	10/19/04	ND	54.8	306.1	143.8	ND	27.9	17.8	ND
AED06801	10/25/04	ND	<10	283.2	133.2	ND	12.1	11.0	ND
AED07401	11/01/04	ND	<10	176.3	121.1	ND	4.8	7.9	ND
RAA52701	11/16/04	ND	<10	<10	137.2	ND	3.6	19.8	ND
RAA52702	11/16/04	ND	<10	<10	136.7	ND	3.9	22.4	ND
RAA60201	12/14/04	ND	<10	<10	143.5	ND	<10	70.5	ND
RAA60202	12/14/04	ND	<10	<10	151.6	ND	<10	74.1	ND
AED08001	01/11/05	8.1	73.5	48.8	120.8	8.7	17.1	45.4	ND
AED08002	01/11/05	5.9	70.8	46.6	117.6	5.9	15.9	369.7	ND
AED08701	01/13/05	27.8	394.9	85.4	98.0	<10	23.1	11.9	ND
RAA67701	01/18/05	<10	117.8	265.8	124.5	3.6	44.4	18.5	ND
RAA67702	01/18/05	<10	108.0	263.4	123.1	3.5	41.7	20.2	ND
AED09401	01/24/05	<10	<10	327.4	155.4	ND	34.7	10.9	ND
AED10101	01/31/05	ND	<10	202.6	103.3	ND	<10	3.0	ND
AED10101	01/31/05							3.3	ND
RAA70201	02/15/05	ND	<10	2.5	139.5	ND	4.1	15.1	ND
RAA70202	02/15/05	ND	<10	2.9	139.8	ND	4.2	13.6	ND
AED10801	02/28/05	ND	<10	<10	144.0	ND	4.7	35.7	ND
RAA77701	03/15/05	ND	<10	<10	149.6	ND	4.0	50.6	ND
RAA77702	03/15/05	ND	<10	<10	146.3	ND	3.9	55.1	ND
AED11501	03/28/05	ND	<10	<10	148.3	ND	3.5	58.5	ND
RAA81081201	04/12/05	ND	<10	<10	145.6	ND	3.2	70.2	ND
AED14201	04/25/05	ND	<10	<10	143.7	<10	<10	75.6	ND
RAA85201	05/10/05	ND	<10	<10	153.9	ND	4.0	76.2	62.9
RAA85201	05/10/05							75.8	59.3
AED20201	05/24/05	<10	<10	<10	147.3	ND	3.9	73.1	ND
AED20201	05/24/05							73.3	ND
RAA87702	06/15/05	ND	<10	<10	146.3	ND	6.6	74.5	ND
RAA87702	06/15/05							70.7	ND
RAA90090201	07/18/05	<10	473.1	84.8	104.1	<10	15.6	11.6	ND
RAA94201	08/15/05	0.0	1.0	24.6	120.9	ND	4.3	13.0	ND
RAA37501	09/12/05	<10	<10	<10	149.0	ND	2.8	48.6	ND

TAN-26

All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45301	10/19/04	ND	<10	<10	70.9	ND	ND	52.1	ND
RAA52801	11/16/04	ND	<10	<10	81.8	ND	28.1	77.6	ND
RAA60301	12/14/04	ND	<10	<10	79.3	ND	ND	90.2	ND
RAA67801	01/18/05	ND	<10	<10	100.8	ND	ND	91.6	ND
RAA67801	01/18/05	ND	<10	<10	103.4	ND	ND		
RAA70301	02/14/05	ND	<10	<10	133.2	ND	ND	106.0	ND
RAA70301	02/14/05							93.3	ND
RAA77801	03/15/05	ND	<10	<10	122.3	ND	<10	65.4	ND
RAA81081301	04/12/05	ND	<10	<10	119.3	ND	ND	56.1	ND
RAA81081301	04/12/05							61.9	ND
RAA85301	05/10/05	ND	<10	<10	106.6	ND	ND	ND	ND
RAA87802	06/15/05	ND	<10	<10	83.9	5.5	ND	37.1	ND
RAA87802	06/15/05	ND	<10	<10	83.9	6.9	ND		
RAA90090301	07/18/05	ND	<10	<10	77.3	ND	ND	16.9	ND
RAA94301	08/15/05	ND	0.6	<10	83.9	0.7	ND	14.7	ND
RAA37601	09/12/05	ND	<10	<10	88.5	ND	23.6	16.1	ND

TAN-31
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
AED05701	10/12/04	<10	<10	<10	117.9	<10	3.2	3.5	ND
AED05701	10/12/04							6.2	ND
AED06301	10/14/04	ND	37.7	<10	98.7	10.7	2.4	ND	ND
RAA45801	10/19/04	<10	65.1	32.6	119.4	8.0	2.4	ND	ND
AED06901	10/25/04	ND	<10	126.7	139.9	7.4	ND	ND	ND
AED06902	10/25/04	ND	<10	102.9	136.3	7.2	ND	ND	ND
AED07501	11/01/04	ND	<10	47.3	128.7	7.1	2.2	ND	ND
AED07502	11/01/04	ND	<10	50.0	135.6	7.1	2.3	ND	ND
RAA53301	11/16/04	ND	<10	<10	120.9	<10	5.0	ND	ND
RAA60801	12/14/04	ND	<10	<10	105.6	<10	<10	ND	ND
AED08101	01/11/05	ND	<10	<10	113.7	5.5	<10	9.0	ND
AED08801	01/13/05	5.8	85.8	<10	81.3	<10	11.6	ND	ND
RAA68301	01/18/05	<10	77.2	34.0	105.4	5.1	<10	ND	ND
AED09501	01/24/05	<10	<10	131.0	140.3	3.6	3.1	ND	ND
AED10201	01/31/05	ND	<10	80.0	99.7	<10	<10	ND	ND
AED10201	01/31/05	ND	<10	79.8	98.6	<10	<10		
RAA70801	02/14/05	ND	<10	16.0	111.7	3.4	3.2	ND	ND
AED10901	02/28/05	ND	<10	<10	106.5	3.5	3.2	ND	ND
AED10901	02/28/05							ND	ND
RAA78301	03/15/05	ND	<10	<10	87.2	3.2	<10	ND	ND
RAA78301	03/15/05	ND	<10	<10	86.1	3.2	<10		
AED11601	03/28/05	ND	<10	<10	94.2	3.1	3.1	ND	ND
RAA81081801	04/12/05	ND	7.1	<10	92.9	ND	2.7	ND	ND
AED14301	04/25/05	ND	<10	<10	94.4	ND	4.5	4.7	ND
AED14301	04/25/05							4.7	ND
RAA85801	05/10/05	ND	<10	<10	100.5	ND	ND	7.1	ND
AED20301	05/24/05	ND	<10	<10	101.2	ND	3.7	14.7	ND
AED20302	05/24/05	ND	<10	<10	104.3	ND	3.8	12.1	ND
RAA88302	06/15/05	ND	<10	<10	103.4	ND	6.6	19.8	ND
RAA90090801	07/18/05	ND	345	<10	66.5	<10	<10	<1	ND
RAA94801	08/15/05	ND	ND	24.3	113.7	ND	ND	ND	<2
RAA38101	09/12/05	ND	<10	<10	133.1	ND	ND	18.9	ND
RAA38102	09/12/05	ND	<10	<10	134.1	ND	5.1	25.9	ND
AED05701	10/12/04	<10	<10	<10	117.9	<10	3.2	3.5	ND
AED05701	10/12/04							6.2	ND
AED06301	10/14/04	ND	37.7	<10	98.7	10.7	2.4	ND	ND

TAN-37A
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45901	10/18/04	<10	122.6	24.5	265.4	7.0	25.0	10.8	ND
RAA53401	11/15/04	ND	57.9	18.7	279.4	4.8	14.0	26.0	ND
RAA60901	12/13/04	<10	50.7	15.3	257.3	<10	8.9	22.7	ND
RAA68401	01/17/05	ND	60.3	18.1	260.8	ND	8.9	32.7	ND
RAA70901	02/15/05	1.8	51.2	21.1	275.1	3.2	17.8	13.8	ND
RAA78401	03/14/05	<10	72.4	17.7	247.9	ND	8.5	9.9	ND
RAA81081901	04/11/05	2.3	87.5	19.4	248.3	ND	4.4	7.4	ND
RAA85901	05/09/05	<10	112.5	21.7	219.7	<10	6.5	<1	ND
RAA88402	06/14/05	ND	126.1	24.9	192.9	5.8	ND	ND	ND
RAA90090901	07/19/05	2.5	118.1	25.9	160.5	<10	4.4	ND	ND
RAA94901	08/16/05	1.2	114.2	25.3	154.4	ND	4.9	ND	ND
RAA38201	09/13/05	<10	142.6	27.6	153.9	<10	ND	ND	ND
RAA45901	10/18/04	<10	122.6	24.5	265.4	7.0	25.0	10.8	ND
RAA53401	11/15/04	ND	57.9	18.7	279.4	4.8	14.0	26.0	ND
RAA60901	12/13/04	<10	50.7	15.3	257.3	<10	8.9	22.7	ND
RAA68401	01/17/05	ND	60.3	18.1	260.8	ND	8.9	32.7	ND
RAA70901	02/15/05	1.8	51.2	21.1	275.1	3.2	17.8	13.8	ND
RAA78401	03/14/05	<10	72.4	17.7	247.9	ND	8.5	9.9	ND
RAA81081901	04/11/05	2.3	87.5	19.4	248.3	ND	4.4	7.4	ND
RAA85901	05/09/05	<10	112.5	21.7	219.7	<10	6.5	<1	ND
RAA88402	06/14/05	ND	126.1	24.9	192.9	5.8	ND	ND	ND
RAA90090901	07/19/05	2.5	118.1	25.9	160.5	<10	4.4	ND	ND
RAA94901	08/16/05	1.2	114.2	25.3	154.4	ND	4.9	ND	ND
RAA38201	09/13/05	<10	142.6	27.6	153.9	<10	ND	ND	ND

TAN-37B
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46001	10/18/04	ND	90.3	18.7	271.0	6.9	26.5	9.2	ND
RAA53501	11/15/04	<10	46.1	15.9	289.4	5.1	27.3	19.2	ND
RAA61001	12/13/04	ND	39.8	14.0	268.6	<10	8.0	20.8	ND
RAA61002	12/13/04	ND	38.3	14.5	254.7	<10	8.5	17.8	ND
RAA68501	01/17/05	<10	45.9	19.1	273.3	ND	8.1	23.4	ND
RAA68502	01/17/05	<10	47.0	19.2	272.7	ND	8.1	25.3	ND
RAA71001	02/15/05	ND	27.1	18.3	263.8	3.2	ND	16.0	ND
RAA78501	03/14/05	ND	ND	17.7	268.5	3.2	9.5	12.3	ND
RAA81082001	04/11/05	<10	59.1	16.8	242.9	3.1	4.2	5.4	ND
RAA81082001	04/11/05							5.4	ND
RAA86001	05/09/05	<10	74.8	15.5	218.6	ND	9.5	ND	ND
RAA88502	06/14/05	<10	96.2	20.0	198.5	5.9	8.7	ND	ND
RAA90091001	07/19/05	<10	93.4	20.8	162.9	<10	5.0	ND	ND
RAA95001	08/16/05	0.3	74.4	20.1	173.6	0.3	6.0	<2	ND
RAA38301	09/13/05	<10	86.8	19.7	173.5	<10	9.0	ND	ND

TAN-37C
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46101	10/18/04	ND	5.3	<10	154.6	ND	5.6	5.3	ND
RAA53601	11/15/04	ND	5.3	<10	162.0	ND	4.4	8.3	ND
RAA53602	11/15/04	ND	5.7	<10	154.1	ND	7.2	8.7	ND
RAA61101	12/13/04	ND	<10	<10	141.4	ND	<10	4.4	ND
RAA61101	12/13/04							4.1	ND
RAA68601	01/17/05	ND	<10	<10	138.7	ND	5.1	3.9	ND
RAA71101	02/15/05	ND	<10	<10	159.8	ND	ND	7.5	ND
RAA71101	02/15/05							5.1	ND
RAA78601	03/14/05	ND	<10	<10	137.9	ND	6.2	ND	ND
RAA81082101	04/11/05	ND	3.8	<10	151.7	ND	2.2	ND	ND
RAA81082101	04/11/05	ND	3.6	<10	152.5	ND	2.2		
RAA86101	05/09/05	ND	<10	<10	141.8	ND	7.3	1.3	ND
RAA88602	06/14/05	<10	9.7	<10	122.5	5.6	11.2	ND	ND
RAA90091101	07/19/05	ND	13.0	<10	102.7	ND	6.2	1.0	ND
RAA95101	08/16/05	ND	8.4	-0.9	105.1	ND	6.9	ND	ND
RAA38401	09/13/05	ND	<10	<10	111.2	ND	ND	ND	ND

TAN-D2
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46301	10/19/04	<10	<10	ND	<10	ND	ND	ND	ND
RAA46301	10/19/04	<10	<10	ND	<10	ND	ND		
RAA53801	11/16/04	ND	<10	ND	<10	ND	7.9	ND	ND
RAA53801	11/16/04	ND	<10	ND	<10	ND	6.0		
RAA61301	12/14/04	<10	<10	ND	<10	ND	ND	ND	ND
RAA68801	01/18/05	ND	<10	ND	9.3	ND	ND	ND	ND
RAA71301	02/15/05	ND	3.2	<10	8.3	ND	ND	ND	ND
RAA71301	02/15/05	ND	3.1	<10	8.5	ND	ND		
RAA78801	03/15/05	ND	8.4	ND	<10	ND	ND	ND	ND
RAA81082301	04/12/05	<10	2.5	ND	<10	ND	ND	ND	ND
RAA81082301	04/12/05	<10	2.5	ND	<10	ND	ND		
RAA86301	05/10/05	<10	<10	ND	<10	ND	ND	ND	ND
RAA88802	06/14/05	<10	<10	ND	<10	6.6	ND	ND	ND
RAA90091301	07/18/05	ND	<10	ND	<10	ND	ND	ND	ND
RAA95301	08/15/05	ND	1.4	ND	-4.2	ND	1.1	ND	ND
RAA38601	09/12/05	ND	<10	ND	<10	10.5	ND	ND	ND

TAN-28
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45501	10/18/04	<10	827.6	123.6	93.6	7.2	7.7	ND	ND
RAA45502	10/18/04	<10	909.9	133.9	98.4	7.1	9.2	ND	ND
RAA53001	11/15/04	15.2	1,357.6	134.6	91.8	5.7	7.3	ND	ND
RAA60501	12/13/04	13.2	1,196.3	116.3	86.7	<10	5.4	ND	ND
RAA68001	01/17/05	5.9	1,172.0	157.3	89.2	3.6	5.3	ND	ND
RAA68001	01/17/05	6.4	1,179.2	157.9	90.7	3.6	5.6		
RAA70501	02/14/05	18.8	1,457.4	143.7	95.1	3.8	9.0	ND	ND
RAA78001	03/14/05	15.2	1,345.3	140.9	107.4	3.6	8.6	ND	ND
RAA78001	03/14/05							ND	ND
RAA81081501	04/11/05	15.0	1,343.1	132.9	117.3	3.4	6.1	ND	ND
RAA85501	05/09/05	6.4	1,355.2	129.8	105.9	<10	10.7	ND	ND
RAA88002	06/14/05	3.4	1,213.8	122.4	101.3	5.7	10.6	ND	ND
RAA90090501	07/19/05	10.7	1,082.6	116.1	88.3	<10	3.1	ND	ND
RAA94501	08/16/05	13.6	819.2	113.4	91.6	0.6	5.6	ND	ND
RAA37801	09/13/05	<10	1,369.3	130.1	90.8	<10	ND	ND	ND

TAN-30A
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45701	10/18/04	<10	43.4	<10	118.1	ND	5.4	ND	ND
RAA53201	11/15/04	<10	39.9	3.1	112.3	4.9	6.8	ND	ND
RAA53201	11/15/04								ND
RAA60701	12/13/04	<10	35.9	<10	108.5	<10	18.8	ND	ND
RAA68201	01/17/05	<10	44.9	<10	108.4	3.3	3.5	ND	ND
RAA70701	02/14/05	2.5	37.2	4.3	114.2	3.2	6.5	ND	ND
RAA78201	03/14/05	3.1	38.1	4.8	128.2	3.2	6.1	ND	ND
RAA81081701	04/11/05	3.2	33.4	4.2	127.1	3.2	5.1	ND	ND
RAA85701	05/09/05	<10	29.9	<10	130.2	<10	5.5	ND	ND
RAA85701	05/09/05							ND	ND
RAA88202	06/14/05	<10	30.9	<10	131.8	ND	7.7	ND	ND
RAA90090701	07/19/05	2.5	32.4	3.2	127.3	<10	2.9	ND	ND
RAA94701	08/16/05	1.7	34.2	3.3	132.5	0.3	3.3	ND	ND
RAA38001	09/13/05	ND	35.7	<10	136.1	ND	22.4	ND	ND

TAN-29
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45601	10/18/04	<10	647.1	110.7	88.4	7.4	3.5	ND	ND
RAA45601	10/18/04							ND	ND
RAA53101	11/15/04	11.0	969.8	136.9	111.7	5.8	4.6	ND	ND
RAA53101	11/15/04							ND	
RAA60601	12/14/04	7.4	900.5	120.0	109.1	<10	4.6	ND	ND
RAA68101	01/17/05	7.9	804.6	120.0	72.1	4.2	<10	ND	ND
RAA70601	02/14/05	19.5	749.4	87.2	49.9	4.2	3.8	ND	ND
RAA70602	02/14/05	20.5	737.5	87.4	54.4	4.2	4.0	ND	ND
RAA78101	03/15/05	16.1	1,093.2	143.5	91.4	3.6	3.5	ND	ND
RAA81081601	04/12/05	14.6	1,038.2	140.2	114.2	4.6	3.8	ND	ND
RAA81081602	04/12/05	12.3	1,076.4	140.8	112.6	4.7	3.7	ND	ND
RAA85601	05/10/05	11.6	1,035.0	119.5	56.5	2.6	2.2	ND	ND
RAA85601	05/10/05	8.4	1,056.1	115.6	55.4	2.4	2.0		
RAA88102	06/15/05	13.4	537.4	48.8	8.6	6.6	ND	ND	ND
RAA90090601	07/19/05	18.6	433.9	46.6	7.8	<10	ND	ND	ND
RAA94601	08/16/05	22.1	355.9	36.7	4.4	2.5	ND	ND	ND
RAA37901	09/13/05	12.1	466.4	42.0	4.4	3.7	ND	ND	ND
RAA37902	09/13/05	12.5	473.9	38.4	3.4	3.8	ND	ND	ND

TAN-10A
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA46201	10/19/04	<10	3.6	ND	ND	ND	ND	ND	ND
RAA53701	11/17/04	<10	5.6	ND	<10	ND	7.5	ND	ND
RAA53702	11/17/04	<10	6.1	ND	<10	ND	2.8	ND	ND
RAA61201	12/13/04	<10	6.4	ND	<10	<10	3.8	ND	ND
RAA68701	01/17/05	<10	4.1	ND	3.3	ND	ND	ND	ND
RAA68701	01/17/05							ND	ND
RAA71201	02/15/05	<10	7.0	ND	<10	ND	ND	ND	ND
RAA78701	03/14/05	ND	7.3	ND	<10	ND	ND	ND	ND
RAA78702	03/14/05	3.2	7.3	ND	<10	ND	ND	ND	ND
RAA81082201	04/11/05	3.6	7.8	<10	<10	ND	ND	ND	ND
RAA81082202	04/11/05	3.8	7.7	<10	<10	ND	ND	ND	ND
RAA86201	05/09/05	<10	<10	ND	<10	ND	ND	ND	ND
RAA88702	06/14/05	<10	<10	ND	<10	ND	ND	ND	ND
RAA90091201	07/19/05	2.7	5.7	ND	<10	ND	ND	ND	ND
RAA95201	08/16/05	1.6	6.6	ND	-0.7	ND	ND	ND	ND
RAA38501	09/13/05	<10	<10	ND	<10	ND	ND	ND	ND

TAN-27
All values reported in (µg/L)

Sample ID	Date	PCE	TCE	cis-DCE	trans-DCE	1,1 DCE	VC	Ethene	Ethane
RAA45401	10/19/04	<10	40.7	<10	<10	ND	ND	ND	ND
RAA52901	11/17/04	3.4	36.9	<10	<10	ND	1.5	ND	ND
RAA52901	11/17/04	5.0	35.9	<10	<10	ND	2.9	ND	ND
RAA60401	12/13/04	5.9	38.8	<10	<10	ND	ND	ND	ND
RAA67901	01/17/05	<10	49.2	<10	6.1	ND	ND	ND	ND
RAA70401	02/15/05	8.1	41.2	<10	6.5	3.2	ND	ND	ND
RAA77901	03/14/05	6.7	40.6	<10	5.3	3.2	ND	ND	ND
RAA81081401	04/11/05	7.6	38.7	<10	5.1	ND	ND	ND	ND
RAA85401	05/09/05	<10	35.2	<10	<10	ND	ND	ND	ND
RAA85401	05/09/05	<10	40.6	<10	<10	ND	ND		
RAA87902	06/14/05	<10	34.3	<10	<10	5.6	ND	ND	ND
RAA87903	06/14/05	<10	34.7	<10	<10	5.6	ND	ND	ND
RAA90090401	07/19/05	4.1	32.7	<10	<10	<10	ND	ND	ND
RAA90090402	07/19/05	4.1	32.7	<10	<10	<10	ND	ND	ND
RAA94401	08/16/05	5.3	32.4	-4.1	0.9	ND	ND	ND	ND
RAA94402	08/16/05	5.4	32.5	-4.2	0.9	ND	ND	ND	ND
RAA37701	09/13/05	ND	38.9	ND	<10	ND	ND	ND	ND

B-4. SAMPLING ANALYSIS PLAN TABLES

This section contains the Sampling and Analysis Plan tables that were used during the 2005 sampling program.

DRAFT

Plan Table Number: INITIAL_JULY05

SAP Number: INEEL/EXT-2002-00779

Date: 07/11/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM - INITIAL MONTHLY JULY 2005 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	Y4	EG	F6	R5	MB	1N	RB	R8	VL								
RAA900900	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TSF-05A	235	1	1	1	1	1		1		1		1	2								
RAA900901	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TSF-05B	270	1	1	1	1	1		1		1		1	2								
RAA900902	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-25	218	1	1	1	1	1		1	1	1	2	1	2								
RAA900903	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-26	389	1	1	1		1		1		1		1	2								
RAA900904	REG/QC	GROUND WATER	DUP		07/11/2005	TAN	MONITORING WELL	TAN-27	235	2	2	2	2	2				2		2	4								
RAA900905	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-28	240	1	1	1		1	1			1		1	2								
RAA900906	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-29	253	1	1	1		1	1			1		1	2								
RAA900907	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-30A	313	1	1	1	1	1				1		1	2								
RAA900908	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-31	258	1	1	1	1	1		1		1		1	2								
RAA900909	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-37A	240	1	1	1		1				1		1	2								
RAA900910	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-37B	270	1	1	1		1				1		1	2								
RAA900911	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-37C	375	1	1	1		1				1		1	2								
RAA900912	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-10A	233	1	1	1		1				1		1	2								
RAA900913	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-D2	241	1	1	1		1				1		1	2								
RAA900914	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-1859	250	1	1	1	1	1		1		1		1	2								

The sampling activity displayed on this table represents the first 6 to 9 characters of the sample identification number.

The complete sample identification number will appear on the sample labels.

D - Double QC Volume **T - Triple QC Volume**

AT1: Alkalinity

AT2: Analysis Suite #1

AT3: Chemical Oxygen Demand

AT4: Dissolved Gases

AT5: Ethane/Ethene/Methane

AT6: Field Standard Addition - QC

AT7: Gamma Screen

AT8: Microbiological Analysis

AT9: Propionate/Butyrate/Acetate/Lactate - Filtered

AT10: Sr-90

AT11: Tritium

AT12: VOCs (CLP TAL)

AT13:

AT14:

AT15:

AT16:

AT17:

AT18:

AT19:

AT20:

Comments:

AED Sampling is included on Wells TSF-05A, TSF-05B, TAN-25, TAN-26, and TAN-31

Analysis Suites:

Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

DRAFT

Plan Table Number: INITIAL_JULY05

SAP Number: INEEL/EXT-2002-00779

Date: 07/11/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM - INITIAL MONTHLY JULY 2005 Project Manager: NELSON, L. O.

Sampler: Carroll, R. E.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	Y4	EG	F8	R5	MB	1N	RB	R8	VL									
RAA900915	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-1860	269	1	1	1		1				1		1	2								
RAA900916	REG/QC	GROUND WATER	DUP		07/11/2005	TAN	MONITORING WELL	TAN-1861	239	2	2	2	2	2				2		2	4								
RAA900917	REG	GROUND WATER	GRAB		07/11/2005	TAN	MONITORING WELL	TAN-09	293	1	1	1		1				1		1	2								
RAA900918	QC	WATER	FBLK		07/11/2005	TAN	FB - ISB	QC	NA	1	1	1	1	1				1		1	2								
RAA900919	QC	WATER	FBLK		07/11/2005	TAN	FB - ISB	QC	NA	1	1	1	1	1				1	1	1	2								
RAA900920	QC	WATER	TBLK		07/11/2005	TAN	TB - ISB	QC	NA				1	1							1								
RAA900921	QC	WATER	TBLK		07/11/2005	TAN	TB - ISB	QC	NA				1	1							1								
RAA900922	QC	GROUND WATER	PES		07/11/2005	TAN	MONITORING WELL	TAN-2	240												1								
RAA900923	QC	WATER	TBLK		07/11/2005	TAN	TB - ISB	QC	NA												1								

The sampling activity displayed on this table represents the first 6 to 9 characters of the sample identification number.

The complete sample identification number will appear on the sample labels.

D - Double QC Volume T - Triple QC Volume

AT1: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Dissolved Gases
AT5: Ethane/Ethene/Methane
AT6: Field Standard Addition - QC
AT7: Gamma Screen
AT8: Microbiological Analysis
AT9: Propionate/Butyrate/Acetate/Lactate - Filtered
AT10: Sr-90
AT11: Tritium
AT12: VOCs (CLP TAL)
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:
AED Sampling is included on Wells TSF-05A, TSF-05B, TAN-25, TAN-26, and TAN-31

Analysis Suites:
Analysis Suite #1: Ammonia Nitrogen, Phosphate, Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

08/09/2005 01:33 PM

Plan Table Number: INITIAL_AUG05

SAP Number: INEEL/EXT-2002-00779

Sampler: Carroll, R. E.

Date: 08/09/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM- INITIAL MONTHLY AUGUST 2005 Project Manager: NELSON, L. O.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	F6	R5	1N	R8	VL											
RAA940	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TSF-05A	235	1	1	1	1		1	1	1	1											
RAA941	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TSF-05B	270	1	1	1	1		1	1	1	1											
RAA942	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-25	218	1	1	1	1		1	1	1	1											
RAA943	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-26	389	1	1	1	1		1	1	1	1											
RAA944	REG/QC	GROUND WATER	DUP		8/15/05	TAN	MONITORING WELL	TAN-27	235	2	2	2	2			2	2	2											
RAA945	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-28	240	1	1	1	1	1		1	1	1											
RAA946	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-29	253	1	1	1	1	1		1	1	1											
RAA947	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-30A	313	1	1	1	1			1	1	1											
RAA948	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-31	258	1	1	1	1		1	1	D 1	D 1											
RAA949	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-37A	240	1	1	1	1			1	D 1	D 1											
RAA950	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-37B	270	1	1	1	1			1	1	1											
RAA951	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-37C	375	1	1	1	1			1	1	1											
RAA952	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-10A	233	1	1	1	1			1	1	1											
RAA953	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-D2	241	1	1	1	1			1	1	1											
RAA954	REG/QC	GROUND WATER	DUP		8/15/05	TAN	MONITORING WELL	TAN-1859	250	2	2	2	2		1	2	2	2											

The sampling activity displayed on this table represents the first 6 to 9 characters of the sample identification number. The complete sample identification number will appear on the sample labels.

D - Double QC Volume **T - Triple QC Volume**

AT1: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Field Standard Addition - QC
AT6: Gamma Screen
AT7: Propionate/Butyrate/Acetate/Lactate - Filtered
AT8: Tritium
AT9: VOCs (CLP TAL)
AT10:
AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Plan Table Number: INITIAL_AUG05

SAP Number: INEEL/EXT-2002-00779

Sampler: Carroll, R. E.

Date: 08/09/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM- INITIAL MONTHLY AUGUST 2005 Project Manager: NELSON, L. O. SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	F6	R5	1N	R8	VL											
RAA955	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-1860	269	1	1	1	1			1	1	1											
RAA956	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-1861	239	1	1	1	1			1	1	1											
RAA957	REG	GROUND WATER	GRAB		8/15/05	TAN	MONITORING WELL	TAN-09	293	1	1	1	1			1	1	1											
RAA958	QC	WATER	FBLK		8/15/05	TAN	FB - ISB	QC	NA	1	1	1	1			1	1	1											
RAA959	QC	WATER	FBLK		8/15/05	TAN	FB - ISB	QC	NA	1	1	1	1			1	1	1											
RAA960	QC	WATER	TBLK		8/15/05	TAN	TB - ISB	QC	NA				1					1											
RAA961	QC	WATER	TBLK		8/15/05	TAN	TB - ISB	QC	NA				1					1											

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D - Double QC Volume **T - Triple QC Volume**

AT1: Alkalinity
AT2: Analysis Suite #1
AT3: Chemical Oxygen Demand
AT4: Ethane/Ethene/Methane
AT5: Field Standard Addition - QC
AT6: Gamma Screen
AT7: Propionate/Butyrate/Acetate/Lactate - Filtered
AT8: Tritium
AT9: VOCs (CLP TAL)
AT10:
AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

09/07/2005 09:33 AM

Plan Table Number: INITIAL_SEPT05

SAP Number: INEEL/EXT-2002-00779

Sampler: Carroll, R. E.

Date: 09/09/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM- INITIAL MONTHLY SEPTEMBER 2005 Project Manager: NELSON, L. O.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
										AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	A1	3A	C5	EG	F6	R5	1N	R8	VL											
RAA373	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TSF-05A	235	1	1	1	1		1	1	1	1											
RAA374	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TSF-05B	270	1	1	1	1		1	1	1	1											
RAA375	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-25	218	1	1	1	1		1	1	1	1											
RAA376	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-26	389	1	1	1	1		1	1	1	1											
RAA377	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-27	235	1	1	1	1	1		1	D 1	D 1											
RAA378	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-28	240	1	1	1	1			1	1	1											
RAA379	REG/QC	GROUND WATER	DUP		09/12/2005	TAN	MONITORING WELL	TAN-29	253	2	2	2	2			2	2	2											
RAA380	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-30A	313	1	1	1	1	1		1	D 1	D 1											
RAA381	REG/QC	GROUND WATER	DUP		09/12/2005	TAN	MONITORING WELL	TAN-31	258	2	2	2	2		1	2	2	2											
RAA382	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-37A	240	1	1	1	1			1	1	1											
RAA383	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-37B	270	1	1	1	1			1	1	1											
RAA384	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-37C	375	1	1	1	1			1	1	1											
RAA385	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-10A	233	1	1	1	1			1	1	1											
RAA386	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-D2	241	1	1	1	1			1	1	1											
RAA387	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-1859	250	1	1	1	1		1	1	1	1											

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D - Double QC Volume **T - Triple QC Volume**

AT1: Alkalinity
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AT5: Field Standard Addition - QC
AT6: Gamma Screen
AT7: Propionate/Butyrate/Acetate/Lactate - Filtered
AT8: Tritium
AT9: VOCs (CLP TAL)
AT10:
AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies:

Sampling and Analysis Plan Table for Chemical and Radiological Analysis

09/07/2005 09:33 AM

Plan Table Number: INITIAL_SEPT05

SAP Number: INEEL/EXT-2002-00779

Sampler: Carroll, R. E.

Date: 09/09/2005 Plan Table Revision: 0.0 Project: OU 1-07B ISB RA GWM- INITIAL MONTHLY SEPTEMBER 2005 Project Manager: NELSON, L. O.

SMO Contact: KIRCHNER, D. R.

Sample Description						Sample Location				Enter Analysis Types (AT) and Quantity Requested																				
Sampling Activity	Sample Type	Sample Matrix	Coll Type	Sampling Method	Planned Date	Area	Type of Location	Location	Depth (ft)	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	AT11	AT12	AT13	AT14	AT15	AT16	AT17	AT18	AT19	AT20
										A1	3A	C5	EG	F6	R5	1N	R8	VL												
RAA388	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-1860	269	1	1	1	1			1	1	1												
RAA389	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-1861	239	1	1	1	1			1	1	1												
RAA390	REG	GROUND WATER	GRAB		09/12/2005	TAN	MONITORING WELL	TAN-09	293	1	1	1	1			1	1	1												
RAA391	QC	WATER	FBLK		09/12/2005	TAN	FB - ISB	QC	NA	1	1	1	1			1	1	1												
RAA392	QC	WATER	FBLK		09/12/2005	TAN	FB - ISB	QC	NA	1	1	1	1			1	1	1												
RAA393	QC	WATER	TBLK		09/12/2005	TAN	TB - ISB	QC	NA				1					1												
RAA394	QC	WATER	TBLK		09/12/2005	TAN	TB - ISB	QC	NA				1					1												

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AT8: Tritium
AT9: VOCs (CLP TAL)
AT10:
AT11:
AT12:
AT13:
AT14:
AT15:
AT16:
AT17:
AT18:
AT19:
AT20:

Comments:

Analysis Suites:

Analysis Suite #1: Sulfate, Iron (Inorganic Analysis)

Contingencies: