

Appendix K

Lake Merced Water Quality Data and Graphs

APPENDIX K

LAKE MERCED WATER QUALITY DATA AND GRAPHS

REGIONAL GROUNDWATER STORAGE AND RECOVERY PROJECT

April 2013

INTRODUCTION

This Appendix includes the following information:

- A list of abbreviations used in the water quality data or graphs;
- *Lake Merced Water Quality Data* includes a tabulation of historic Lake Merced water quality data; and
- *Lake Merced Water Quality Graphs* includes graphs of Lake Merced water quality at various lake levels over time.

The information in this appendix has been prepared by ESA.

ABBREVIATIONS USED IN THIS APPENDIX

The following is a list of abbreviations used in this Appendix:

Alk = alkalinity

Br = bromide

°C = degrees Centigrade

Cl⁻ = chloride

Cond = electrical conductivity

DO = dissolved oxygen

Fe = iron

Fl⁻ = fluoride

Ft = feet

Hard = hardness

mg/L = milligrams per liter

mmho/cm = micromhos per centimeter

Mn = manganese

MPN = most probable number

MTBE = methyl tertiary-butyl ether

mv = millivolts

NH₃-N = ammonium

NO₃-N = nitrate as nitrogen

No./m³ = number per cubic meter

No./mL = number per milliliter

ntu = nephelometric turbidity unit

ORP = oxidation reduction potential

Orth P = orthophosphate

Pb = lead

SO₄ = sulfate

TDS = total dissolved solids

Temp = temperature

TKN = total kjeldahl nitrogen

TOC = total organic carbon

Tot P = total phosphate

Turb = turbidity

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WATER QUALITY DATA

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	22.7	22.1	13.7	15.5	18.3	19.6	13.2		18.4	12.5	14.8	20.6	19.3	11.8	13.2	22.4	19.8	11.6	15.1	17.2
5	20.9	22.1	13.7	15.5	18.3	18.9	13.1		18.2	12.3	14.5	20.3	18.7	11.6	13.0	21.5	18.5	11.2	14.9	16.7
10	17.9	21.6	13.7	14.2	18.2	18.8	12.9		18.2	12.2	14.4	20.2	18.6	11.6	12.2	18.9	17.6	11.1	13.7	16.2
14									18.2	12.2				11.6			17.2			
15	17.8	21.4	13.7	12.9	18.0	18.8	12.7				14.4	19.8	18.5		12.1	18.4		11.0	13.3	16.1
16	17.8	21.1		12.9											12.1				13.2	16.1
17																				
17.4																				
17.5																				
18			13.7								14.4									
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	21.0		13.2	15.1	17.5	19.3	12.8		17.8	11.5	15.1	19.94	18.3	11.1	12.7	22.1	18.3	10.8	13.9	16.5
5	19.9		13.2	14.9	17.4	18.7	12.7		17.8	11.5	14.6	19.8	17.9	10.9	12.4	20.5	17.5	10.6	13.8	16.3
9																	17.3			
10	17.7		13.2	13.9	17.3	18.6	12.5		17.8	11.3	14.5	19.7	17.8	10.9	12.0	18.4		10.4	13.3	16.0
11																			13.3	16.0
12				13.5																
13											14.5									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	#####	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	19.4	17.2	15.8	12.3	17.4	20.4	19.1	13.2	19.9	19.5	16.5	12.8	12.5	17.2	21.1	18.3	18.9	17.0	13.7	13.1
5	19.2	17.2	15.8	12.0	17.4	19.7	18.9	12.4	19.8	19.5	16.4	12.0	12.3	17.1	21.1	18.2	18.5	16.1	13.7	13.1
10	19.1	17.2	15.8	11.9	17.4	18.9	18.8	12.3	19.7	19.4	16.3	11.9	12.1	16.9	21.1	18.2	17.8	16.1	13.7	13.1
14																				
15	18.4	17.2	15.7	11.9	17.3	18.5	18.8	12.3	19.5	19.2	16.3	11.7	11.9	16.8	19.4	18.2	17.3	16.0	13.7	13.0
16	18.4				17.0			12.3								18.2				
17							18.8		19.3	19.1	16.3		11.9				17.2			
17.4																				
17.5																				
18												11.7		16.7				16.0	13.7	12.9
18.8																				
19															19.1					
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	#####	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	18.7	16.4	15.2	11.8	17.0	19.9	18.4	12.6	19.2	19.2	16.2	12.2	12.5	16.9	20.9	17.7	18.5	n/a	13.0	12.7
5	18.6	16.4	15.1	11.5	17.0	19.2	18.3	11.8	19.1	19.1	16.0	11.0	12.0	16.7	20.7	17.7	18.1	n/a	12.9	12.6
9																				
10	18.0	16.4	15.1	11.3	17.0	18.3	18.2	11.7	18.8	18.8	15.9	10.8	11.8	16.3	20.0	17.5	17.4	n/a	12.9	12.5
11					17.0	18.1														
12				11.3			18.2		18.7		15.8							n/a		
13								11.7		18.7		11.3	11.6		19.3	17.5	17.1		12.9	
13.8																				
14														16.2						12.3
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	12.3	13.1	16.1	20.2	18.5	17.0	10.9	16.5	19.4	22.1	10.1	14.7	20.4	19.9	14.4	14.4	19.1	19.6	10.9
5	11.9	12.9	16.0	19.6	18.5	17.0	10.8	14.1	19.3	20.0	10.2	14.5	19.3	18.9	13.9	14.2	18.5	19.3	10.4
10	11.9	12.9	15.9	18.5	18.5	17.0	10.8	13.9	18.8	18.8	10.1	14.3	17.3	18.2	13.9	13.4	16.8	19.2	10.3
14																			
15	11.8	12.7	15.8	18.2	18.5	16.9	10.8	13.7	18.6	18.5	9.9	14.3	17.2	18.0	13.8	13.4	16.5	18.6	10.3
16																			
17																			
17.4														17.8					
17.5															13.8				
18	11.8					16.8				18.4									
18.8													17.1						10.4
19		12.6	14.7	17.5	18.5		10.8	13.5	17.2		9.9								
19.3																		18.5	
19.9																	16.4		
20												13.6			13.3				
20.6												13.5							

Lake Merced
North East

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	11.6	12.8	16.1	19.5	18.1	16.7	10.2	15.4	19.4	20.7	9.29	14.8	20.1	19.3	13.6	14.0	18.1	19.3	10.4
5	11.2	12.5	16.0	18.8	18.1	16.7	10.2	14.3	19.3	20.1	9.29	14.6	19.0	18.9	13.3	13.5	17.3	19.2	9.9
9																			
10	11.2	12.3	16.0	18.1	18.0	16.6	10.1	14.2	19.0	18.7	9.17	14.4	17.3	18.0	13.2	13.3	16.8	19.1	9.9
11																			
12																			
13	11.2					16.6							17.1	17.8					
13.8																		18.6	
14		12.2		18.0	18.0					18.2									
14.1															13.2				
14.7																13.3			9.9
15			15.9				10.1	13.9	18.7		9.21	14.2					16.3		
15.8												14.2							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
Ft	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	
Surf	20.5	21.9	13.6	15.1	17.9	19.5	12.6	17.7	18.0	12.2	14.8	19.9	18.7	11.6	12.7	21.1	19.6	11.3	14.3	16.1	
5	18.8	21.9	13.6		17.9	18.6	12.3	17.5	18.0	12.2	14.4	19.8	18.3	11.5	12.2	20.5	18.5	10.6	14.2	16.0	
6				14.1																	
10	17.3	21.2	13.6		17.9	18.6	12.3	17.3	18.0	12.2	14.1	19.8	18.2	11.5	12.0	18.5	17.6	10.6	13.5	15.9	
12				14.0																	
15	17.0	20.8	13.6		17.6	18.6	12.3	16.8	18.0	12.0	13.9	18.3	18.1	11.5	11.8	17.8	17.1	10.6	13.3	15.2	
16	17.0	20.7												11.5		17.8	17.0	10.7			
17	17.0									12.0										13.3	
18				13.3	17.6				18.0			18.3	18.2		11.8						15.1
18.2																					
18.9																					
19				13.3			12.2														
20								16.5			14.0										
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
Ft	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	Temp °C	
Surf	20.8	21.8	13.5	15.6	18.5	19.6	12.8	18.2	18.5	12.2	14.5	20.3	19.0	11.7	13.2	21.6	19.5	11.5	14.7	16.4	
5	20.5	21.6	13.5	15.1	18.5	18.7	12.7	17.9	18.4	12.2	14.2	20.3	18.6	11.6	12.8	20.8	19.0	10.9	14.5	16.4	
10	17.9	21.1	13.5		18.4	18.7	12.6	17.8	18.4	12.2	14.1	19.7	18.6	11.5	12.6	18.9	17.8	10.9	13.3	15.4	
12				14.9																	
15	17.2	20.8	13.5		17.7	18.7	12.5	17.1	18.3	12.1	13.9	19.1	18.6	11.5	11.9	17.8	17.1	10.9	13.2	15.4	
16	17.1	20.8															17.1	11.1			
17														11.5							
18				13.8	17.6				18.3	12.1		18.2			11.8	17.7				13.1	15.6
19							12.5	16.8					18.5								
19.2																					
20											14.0										
20.4																					
21																					
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	#####	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	18.6	17.3	15.6	12.1	16.6	19.3	18.5	12.8	19.1	19.0	16.1	12.5	12.1	15.8	20.5	18.2	18.3	16.5	13.5	13.0
5	18.5	17.3	15.6	12.1	16.6	19.2	18.5	12.3	19.1	19.0	16.1	11.8	11.7	15.6	20.5	18.2	18.3	16.0	13.5	13.0
6																				
10	18.5	17.2	15.5	12.0	16.4	18.4	18.4	12.2	18.9	18.8	16.0	11.7	11.5	15.5	19.7	18.2	18.0	15.8	13.5	13.0
12																				
15	18.5	17.0	15.5	11.8	16.1	18.1	18.4	12.2	18.0	18.8	16.0	11.7	11.4	15.4	19.0	18.2	17.1	15.7	13.5	13.0
16	18.5	17.0		11.8																
17			15.6			18.1					16.0	11.8	11.3							
18					16.0					18.7							16.9		13.4	
18.2																				
18.9																				
19							18.4	12.2	17.8											12.9
20														15.4	18.5	18.1		15.6		
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	#####	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	19.1	17.3	15.6	11.9	17.2	20.1	18.8	13.1	19.6	19.6	16.3	12.4	12.1	16.0	20.5	18.5	18.7	16.6	13.6	13.1
5	19.1	17.3	15.6	11.9	17.2	20.0	18.7	12.2	19.5	19.6	16.3	11.7	11.6	15.6	20.5	18.5	18.3	16.2	13.6	13.1
10	18.9	17.3	15.6	11.8	17.2	19.3	18.6	12.2	18.9	19.4	16.2	11.6	11.5	15.5	20.3	18.5	17.3	16.1	13.6	13.1
12																				
15	18.9	17.2	15.6	11.8	16.8	18.4	18.5	12.2	18.1	18.8	16.2	11.6	11.4	15.5	19.0	18.1	16.9	16.0	13.6	13.0
16		17.2																		
17	18.8		15.6			18.1					16.1		11.4							
18					16.1															
19				11.8			18.5			18.7		11.6							16.0	
19.2																				
20								12.2	17.8					15.5	18.6	18.1	16.9		13.6	12.9
20.4																				
21														15.5						
21.5																				
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	11.7	12.7	15.3	19.1	18.5	16.9	11.0	14.5	18.6	20.3	10.1	13.82	18.8	19.5	13.82	13.6	18.1	19.2	10.5
5	11.6	12.6	15.3	19.0	18.5	16.9	11.0	14.0	18.6	19.9	9.8	13.7	18.1	19.1	13.71	12.8	17.5	19.1	10.4
6																12.8			
10	11.6	12.6	15.2	18.9	18.4	16.9	11.0	13.9	18.4	18.8	9.8	13.57	17.3	18.1	13.68		16.7	19.0	10.4
12																			
15	11.5	12.5	15.1	18.3	18.4	16.9	10.9	13.8	18.4	18.4	9.7	13.56	16.7	17.9	13.61	12.7	16.3	18.6	10.3
16																			
17																			
18	11.5																		
18.2																			10.4
18.9																		18.4	
19						16.8									13.6				
20		12.5	15.1	18.0	18.4		10.9	13.6	18.1	18.1	9.7	13.45	16.5			12.7	16.3		
20.1														17.8					
20.6																			
20.8																12.7			
21				18.0				13.6		18.1	9.7						16.3		
21.5												13.45							
22									18.0										

Lake Merced
South - Pump
Station

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp	Temp
Ft	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	°C
Surf	11.9	12.5	15.7	19.5	18.6	16.9	10.9	14.5	19.2	20.9	10.0	13.9	19.5	19.2	14.0	13.6	18.7	19.6	10.6
5	11.8	12.4	15.6	19.3	18.6	16.9	10.9	13.9	19.0	20.6	9.9	13.9	18.2	19.1	13.9	12.8	18.0	19.6	10.4
10	11.8	12.3	15.6	18.5	18.6	16.9	10.9	13.7	18.3	18.9	9.8	13.9	17.6	18.2	13.9	12.8	16.8	19.0	10.4
12																			
15	11.8	12.3	15.6	18.1	18.6	16.7	10.9	13.6	18.3	18.6	9.8	13.9	16.5	18.0	13.8	12.8	16.3	18.7	10.4
16																			
17																			
18						16.7													
19																			
19.2																		18.5	
20	11.7	12.3	15.3	18.0			10.9	13.6	18.2	18.3	9.8	13.9	16.4	17.8		12.8	16.3		
20.4																			10.4
21		12.3		18.0	18.5					18.3	9.8		16.5	17.8	13.8				
21.5																	16.3		
22			15.3				10.9	13.6	18.1										
22.8																12.8			
23.2												13.9							

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.79	9.07	8.42	8.50	8.79	8.75	8.49		8.37	8.29	8.31	8.73	8.36	8.51	8.45	9.02	8.68	8.08	8.72	8.32	8.75
5	8.67	8.96	8.33	8.49	8.77	8.59	8.47		8.27	8.24	8.34	8.72	8.33	8.47	8.37	9.03	8.46	7.95	8.68	8.27	8.69
10	8.12	8.59	8.27	8.05	8.73	8.40	8.36		8.26	8.19	8.36	8.72	8.34	8.47	8.12	8.02	7.99	7.90	8.38	7.98	8.67
14									8.21	8.17				8.37			7.76				
15	8.00	8.42	8.29	7.73	8.22	8.21	8.23				8.37	8.15	8.24		7.92	7.94		7.85	8.07	7.88	8.26
16	7.96	8.24		7.73											7.91				8.07	7.84	8.24
17																					
17.4																					
17.5																					
18			8.29								8.04										
18.8																					
19																					
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.37		7.96	8.00	8.16	8.31	8.35		8.12	8.18	8.26	8.19	7.89	8.48	8.28	8.74	8.12	7.96	8.36	7.97	8.39
5	8.14		7.95	7.91	8.12	8.16	8.33		8.11	8.18	8.25	8.22	7.88	8.44	8.16	8.50	7.69	7.90	8.26	7.90	8.35
9																	7.61				
10	7.81		7.93	7.61	8.03	8.13	8.24		8.07	8.13	8.25	8.12	7.86	8.43	7.88	7.80		7.82	7.97	7.74	7.84
11																			7.96	7.66	
12				7.52																	
13											7.99										
13.8																					
14																					
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.08	8.29	8.23	8.47	8.51	7.81	7.47	8.26	8.42	7.79	8.17	8.53	8.69	8.28	8.29	8.51	8.10	7.89	8.17	8.07	8.26
5	8.07	8.26	8.13	8.46	8.42	7.75	7.39	8.24	8.39	7.75	8.15	8.52	8.68	8.26	8.27	8.45	8.04	7.88	8.10	8.03	8.24
10	8.07	8.26	8.10	8.47	7.99	7.71	7.35	8.21	8.38	7.76	8.13	8.49	8.66	8.23	8.26	8.08	8.23	7.87	8.08	8.04	8.23
14																					
15	8.08	8.24	8.08	8.31	7.76	7.68	7.34	8.07	8.07	7.73	8.10	8.44	8.64	7.59	8.25	7.78	8.41	7.91	8.05	8.04	8.18
16				7.94			7.33								8.25						
17						7.68		8.03	7.65	7.73		8.44				7.7					
17.4																					
17.5																					
18											8.08		8.62				8.63	7.95	7.80	8.03	
18.8																					
19														7.51							8.04
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.03	8.20	7.99	7.91	8.19	7.70	7.41	8.39	8.16	7.65	8.11	8.40	8.81	8.00	8.22	8.25	n/a	7.80	8.11	7.91	8.29
5	8.04	8.12	7.95	7.85	8.03	7.63	7.31	8.35	8.14	7.64	8.06	8.44	8.78	7.94	8.21	8.15	n/a	7.81	7.92	7.86	8.22
9																					
10	8.05	8.10	7.80	7.85	7.55	7.57	7.29	8.15	7.98	7.63	8.03	8.43	8.60	7.55	8.17	7.72	n/a	7.86	7.79	7.85	8.03
11				7.87	7.53																
12			7.80			7.60		8.09		7.61							n/a				
13							7.29		7.73		8.00	8.36		7.46	8.13	7.65		7.95		7.84	
13.8																					
14													8.52						7.67		7.92
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.37	8.89	8.15	8.37	8.40	8.96	8.66	9.09	7.75	8.36	8.83	8.79	7.97	8.30	8.66	8.84	8.20
5	8.31	8.75	8.13	8.36	8.31	8.77	8.62	8.72	7.75	8.32	8.67	8.39	7.92	8.30	8.62	8.84	8.13
10	8.25	8.20	8.11	8.34	8.30	8.34	8.26	8.44	7.72	8.31	8.09	8.13	7.90	8.21	8.30	8.91	8.07
14																	
15	8.04	8.10	8.08	8.31	8.30	8.22	8.03	8.08	7.64	8.32	7.99	8.02	7.86	8.19	8.19	8.99	8.07
16																	
17																	
17.4												7.77					
17.5													7.85	7.85			
18				8.10				7.96									
18.8											7.72						8.03
19	7.84	7.97	8.03		8.29	8.00	7.66		7.64								
19.3																8.94	
19.9															8.15		
20										8.12				8.17			
20.6										8.18							

Lake Merced
North East

Depth	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Fl	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.08	8.35	8.05	8.23	8.13	8.87	8.36	8.83	7.49	8.15	8.59	8.55	7.66	8.26	8.44	8.62	8.09
5	8.08	7.97	8.02	8.24	8.07	8.61	8.28	8.69	7.48	8.16	8.38	8.44	7.60	8.27	8.28	8.64	8.05
9																	
10	8.06	7.88	7.93	8.24	8.05	8.20	7.99	8.01	7.42	8.10	7.72	7.82	7.60	8.25	8.23	8.59	8.09
11																	
12																	
13				8.23							7.71	7.63					
13.8																8.64	
14		7.88	7.91					8.00									
14.1													7.57				
14.7														8.35			8.06
15	7.95				8.06	7.98	7.72		7.43	8.01					7.92		
15.8										8.01							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	
Depth	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
ft	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.70	8.72	8.03	8.16	8.44	8.41	8.21	8.63	8.17	8.29	8.25	8.54	8.39	8.19	8.14	8.61	8.44	8.17	8.52	8.03	8.30	
5	8.41	8.67	8.03		8.42	8.22	8.16	8.63	8.13	8.33	8.46	8.47	8.18	8.16	8.10	8.60	8.39	8.16	8.49	8.03	8.26	
6				8.02																		
10	8.02	7.91	8.03		8.41	8.16	8.11	8.58	8.12	8.31	8.53	8.20	8.11	8.15	8.05	8.01	7.96	8.11	8.35	8.03	8.24	
12				7.97																		
15	7.66	7.77	8.00		7.78	8.00	8.09	8.32	8.12	8.18	8.49	7.56	8.22	8.14	7.94	7.61	7.53	8.06	8.18	7.93	8.24	
16	7.66	7.78												8.08		7.55	7.48	7.60			8.09	
17	7.72									8.17												
18				7.74	7.73				8.11			7.62	7.70		7.82				8.01		7.44	
18.2																						
18.9																						
19				7.75			8.06															
20								8.14			8.10											
20.1																						
20.6																						
20.8																						
21																						
21.5																						
22																						

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	
Depth	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
ft	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.70	8.62	7.99	8.29	8.70	8.46	8.28	8.70	8.53	8.33	8.29	8.66	8.33	8.17	8.19	8.63	8.40	8.18	8.55	8.04	8.41	
5	8.68	8.40	7.96	8.26	8.63	8.38	8.27	8.69	8.40	8.34	8.24	8.65	8.25	8.14	8.14	8.60	8.36	8.15	8.49	8.04	8.37	
10	8.22	7.85	7.94		8.57	8.33	8.20	8.68	8.37	8.28	8.24	7.86	8.30	8.13	8.03	8.17	8.10	8.14	8.08	7.89	8.36	
12				8.16																		
15	7.92	7.73	7.93		7.85	8.32	8.18	8.46	8.37	8.19	8.18	7.52	8.48	8.13	7.89	7.66	7.52	8.10	7.92	7.91	8.36	
16	7.87	7.76															7.42	7.50				
17														8.10							8.35	
18				7.68	7.68				8.34	8.14		7.50			7.71	7.61			7.85	7.42		
19							8.13	8.29					7.93									
19.2																						
20											7.84											
20.4																						
21																						
21.5																						
22																						
22.8																						
23.2																						

Lake Merced
South - Pistol
Range

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06
FT	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.23	8.08	7.92	8.03	8.27	7.49	7.66	8.54	8.15	7.70	7.87	8.31	8.81	8.53	7.97	8.34	6.89	7.77	7.97	8.03	8.23
5	8.21	8.06	7.91	8.01	8.21	7.48	7.63	8.51	8.08	7.69	7.83	8.21	8.78	8.50	7.95	8.32	6.85	7.77	7.95	8.01	8.21
6																					
10	8.16	7.94	7.90	7.92	7.74	7.44	7.63	8.40	8.01	7.68	7.82	8.13	8.73	7.95	7.92	8.18	6.79	7.79	7.94	7.98	8.20
12																					
15	8.14	7.94	7.84	7.71	7.47	7.44	7.62	7.90	7.84	7.67	7.82	8.19	8.73	7.53	7.88	7.68	6.78	7.81	7.92	7.95	8.19
16	8.11		7.82																		
17		7.96			7.42					7.63	7.79	8.12									
18				7.57					7.75							7.54		7.81		7.93	
18.2																					
18.9																					
19						7.47	7.61	7.76											7.75		
20													8.67	7.40	7.75		6.83				8.18
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06
FT	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
Surf	8.24	8.16	7.89	8.19	8.34	7.58	7.52	8.61	8.37	7.62	7.90	8.24	8.84	8.53	8.09	8.44	8.19	7.86	8.09	8.03	8.22
5	8.22	8.15	7.86	8.18	8.32	7.48	7.47	8.60	8.36	7.61	7.88	8.17	8.81	8.49	8.07	8.24	8.15	7.84	8.03	8.00	8.19
10	8.24	8.15	7.86	8.18	8.15	7.36	7.46	8.29	8.13	7.58	7.87	8.12	8.79	8.42	7.99	7.81	8.14	7.84	8.01	7.98	8.17
12																					
15	8.24	8.14	7.87	8.00	7.74	7.31	7.46	8.02	7.66	7.52	7.85	7.93	8.77	7.49	7.78	7.58	6.83	7.86	7.91	7.97	8.16
16	8.19																				
17		8.14			7.45					7.52		7.93									
18				7.61																	
19			7.83			7.31			7.56		7.84						6.90				
19.2																					
20							7.43	7.91					8.75	7.41	7.84	7.49		7.89	7.82	7.95	8.13
20.4																					
21													8.74								8.12
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
ft	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.19	8.53	7.97	8.20	8.26	8.67	8.24	8.60	7.91	8.14	8.32	8.70	7.85	8.07	8.40	8.56	8.01
5	8.15	8.49	7.94	8.18	8.17	8.66	8.20	8.48	7.85	8.13	8.24	8.64	7.83	8.08	8.36	8.54	7.97
6																	
10	8.10	8.32	7.90	8.16	8.06	8.53	8.05	8.17	7.84	8.12	8.10	8.03	7.82	8.04	8.18	8.54	7.94
12																	
15	8.06	7.90	7.88	8.13	8.04	8.27	7.99	7.88	7.83	8.13	8.02	7.90	7.81	8.04	8.03	8.29	7.90
16																	
17																	
18																	
18.2																	7.85
18.9																8.37	
19				7.96									7.80				
20	7.90	7.79	7.83		8.08	8.20	7.62	7.59	7.78	8.13	7.49			8.03	8.05		
20.1												7.53					
20.6														7.58			
20.8															7.95		
21		7.78				8.20		7.59	7.69								
21.5										8.17							
22							7.60										

Lake Merced
South - Pump
Station

Depth	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH	pH
ft	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units	pH units
Surf	8.49	8.57	8.06	8.19	8.23	8.60	8.33	8.66	7.84	8.13	8.39	8.63	7.86	8.43	8.49	8.57	8.06
5	8.44	8.52	8.04	8.16	8.18	8.57	8.27	8.64	7.84	8.13	8.28	8.60	7.82	8.43	8.49	8.56	8.05
10	8.42	8.05	8.04	8.09	8.10	8.38	7.94	8.15	7.78	8.14	8.19	7.93	7.79	8.44	8.20	8.15	8.05
12																	
15	8.35	7.93	8.01	7.87	8.04	8.11	7.80	7.92	7.79	8.14	7.70	7.88	7.78	8.52	7.99	8.10	8.05
16																	
17																	
18				7.89													
19																	
19.2																8.16	
20	8.11	7.81			8.04	8.07	7.72	7.77	7.79	8.17	7.65	7.81		8.61	7.90		
20.4																	8.05
21		7.77	7.86					7.71	7.83		7.49	7.56	7.74				
21.5															7.89		
22	8.02				8.05	8.11	7.70										
22.8														8.57			
23.2									8.19								

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	742	842	888	864	728	774	726		793	851	711	729	755	780	738	808	861	811	757	755
5	744	844	902	883	728	757	726		795	850	712	734	760	781	736	807	866	812	757	757
10	754	855	917	974	728	761	727		795	862	714	737	762	781	740	826	874	814	760	766
14									796	864				778			881			
15	758	871	919	1020	737	764	729				724	753	764		743	834		812	763	769
16	757	882		1070											742				766	769
17																				
17.4																				
17.5																				
18			949								716									
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	716		818	736	706	762	689		784	822	664	724	749	745	686	787	832	753	693	722
5	718		821	741	706	763	689		784	824	667	728	756	745	687	792	835	753	695	724
9																	843			
10	720		822	742	706	763	690		784	834	670	731	764	746	689	803		754	697	727
11																			697	726
12				747																
13											684									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	755	802	820	753	747	778	674	633	717	342	752	717	673	676	703	745	794	781	806	678
5	757	803	821	753	748	779	638	647	717	613	755	717	675	676	703	746	795	730	806	680
10	759	803	821	754	748	787	639	642	717	613	759	718	677	675	703	745	799	734	807	681
14																				
15	769	804	822	754	752	792	640	644	718	620	760	724	679	675	704	745	801	734	806	682
16	769				759			646								745				
17							640		724	627	760		679				806			
17.4																				
17.5																				
18												723		675				732	807	692
18.8																				
19															716					
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	740	775	785	696	711	754	650	640	709	613	750	716	667	666	702	742	794	n/a	795	664
5	741	775	786	697	712	756	651	644	709	612	750	724	668	665	702	742	796	n/a	795	668
9																				
10	748	776	787	697	712	761	651	645	712	614	750	731	672	665	703	743	800	n/a	795	672
11					712	765														
12				697			651		714		752							n/a		
13								646		609		726	670		710	744	806		796	
13.8																				
14														667						683
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	658	700	634	666	717	733	596	563	724	717	731	696	713	774	809	751	774	692	697
5	660	699	634	669	717	733	593	565	726	724	731	696	718	786	810	751	774	697	697
10	661	699	635	675	718	734	594	567	734	732	731	697	730	790	810	752	780	704	698
14																			
15	662	698	638	677	718	735	594	569	738	736	732	697	731	792	811	753	781	717	698
16																			
17																			
17.4														798					
17.5															811				
18	662					744				740									
18.8													736						698
19		699	656	696	720		593	576	753		732								
19.3																			726
19.9																	782		
20												702				753			
20.6												703							

Lake Merced
North East

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
ft	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	649	690	646	678	725	739	598	565	735	730	724.3	697	726	780	796	738	770	692	679
5	651	690	645	678	726	740	600	568	738	732	724.5	696	731	782	796	738	773	695	679
9																			
10	652	692	645	679	727	740	597	569	743	740	724.9	697	738	792	796	739	773	703	678
11																			
12																			
13	652					740							744	799					
13.8																		718	
14		696		682	727					749									
14.1														796					
14.7																739			679
15			647				597	573	749		726.8	697					777		
15.8												697							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fl	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	490	573	639	590	547	585	560	565	597	635	557	580	599	620	600	673	707	667	639	648
5	492	573	664		547	585	558	565	597	643	563	584	603	620	600	673	707	667	626	649
6				603																
10	492	576	674		547	585	558	565	597	646	562	588	605	619	599	671	710	668	627	650
12				613																
15	494	578	689		550	584	555	567	597	650	562	598	606	619	600	674	713	668	629	652
16	494	580												619		675	714	665		
17	494									650									630	
18				621	552				596			599	605		601					660
18.2																				
18.9																				
19				629			557													
20								568			560									
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fl	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	490	574	594	555	544	585	561	565	595	637	588	579	598	619	601	674	708	668	639	646
5	490	575	595	554	545	584	561	565	597	639	587	580	601	620	601	673	707	666	639	647
10	492	577	594		546	585	561	566	597	642	587	595	600	620	601	671	709	666	641	648
12				560																
15	493	578	594		548	585	561	566	597	646	588	591	605	620	601	674	712	666	641	649
16	493	579															715	673		
17														620						
18				563	552				597	647		668			602	678			643	651
19							561	567					601							
19.2																				
20											599									
20.4																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Fl	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	659	683	630	602	594	622	437	434	411	454	538	490	532	517	533	535	616	522	625	536
5	659	684	632	602	594	624	522	455	461	455	538	490	532	517	533	536	592	524	624	537
6																				
10	660	684	645	602	595	627	522	441	463	452	538	466	535	516	534	537	593	528	625	538
12																				
15	660	684	646	603	596	628	522	441	465	454	539	461	535	517	534	538	595	526	626	539
16	659	684		603																
17			647			629					540	453	536							
18					597					450							601		627	
18.2																				
18.9																				
19							522	440	470											540
20														517	538	539		528		
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Fl	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	659	684	620	598	592	621	436	431	469	525	538	449	532	515	533	536	611	546	619	537
5	659	684	621	598	593	622	437	444	467	525	538	443	531	515	533	536	612	529	620	538
10	660	684	621	598	593	623	436	453	466	527	538	444	531	515	533	537	613	535	620	539
12																				
15	660	685	621	598	594	624	438	451	468	529	539	443	532	515	532	540	614	533	621	540
16		685																		
17	660		621			627					539		533							
18					595															
19				598			438			532		444						533		
19.2																				
20								450	468					515	534	527	616		621	541
20.4																				
21														515						
21.5																				
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
Fl	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	529	569	542	562	600	564	520	473	610	611	612	597.6	623	662	685.2	656	682	611	610
5	530	569	542	562	600	564	524	474	613	613	613	597.4	623	663	685.4	655	681	613	610
6																			
10	531	569	542	562	609	564	525	474	615	613	613	597.3	623	669	685.3	656	682	614	610
12																			
15	532	569	543	563	607	564	528	479	616	614	614	597.2	622	670	685.5	656	683	620	610
16																			
17																			
18	533																		
18.2																			610
18.9																		625	
19						566								685.3					
20		567	544	564	609		522	481	618	616	614	597.2	624			656	683		
20.1														702					
20.6																652			
20.8																	683		
21				564				482		617	613								
21.5												597							
22									619										

Lake Merced
South - Pump
Station

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond	Cond
Fl	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm	mmho/cm
Surf	531	569	538	562	594	566	498	475	610	612	613	597	624	662	684	656	682	610	611
5	531	569	539	562	595	566	500	476	612	611	613	598	623	662	684	655	681	610	610
10	532	568	539	564	595	566	500	476	615	614	613	597	623	669	685	655	683	618	611
12																			
15	533	568	540	563	596	568	502	479	616	614	613	597	625	670	685	656	684	618	610
16																			
17																			
18						570													
19																			
19.2																		623	
20	533	567	541	564			501	481	617	614	614	597	625	670		655	684		
20.4																			611
21		566		564	598					615	613		625	684	686				
21.5																		685	
22			542				500	481	621										
22.8																656			
23.2												598							

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf			569	518	466	495	465		508	544	455	466	484	499	472	517	551	519	485	483	
5			578	530	466	484	465		509	544	456	470	486	500	471	517	554	520	485	484	
10			587	584	466	487	465		509	551	457	471	488	500	474	529	560	521	486	490	
14									509	553				498			564				
15			588	612	472	489	466				463	482	489		475	534		520	488	492	
16				642											475				490	492	
17																					
17.4																					
17.5																					
18											459										
18.8			608																		
19																					
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf			524	442	452	488	441		502	526	426	464	479	477	439	503	533	482	444	462	
5			525	445	452	488	441		502	527	427	466	484	477	440	507	534	482	445	463	
9																	539				
10			526	445	452	488	442		502	533	429	468	489	478	441	514		482	446	465	
11																			446	464	
12				448																	
13											438										
13.8																					
14																					
14.1																					
14.7																					
15																					
15.8																					

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	483	514	525	482	478	498	431	405	459	219	482	459	431	432	450	477	508	500	516	434	421
5	485	514	525	482	479	499	408	414	459	393	483	459	432	432	450	477	509	467	516	435	422
10	486	514	525	482	479	504	409	411	459	392	485	459	433	432	450	477	511	470	516	436	423
14																					
15	492	514	526	483	481	507	410	412	460	397	486	463	435	432	451	477	513	469	516	436	423
16	492				485			414								477					
17							410		463	401	487		435				516				
17.4																					
17.5																					
18												462		432				469	516	443	424
18.8																					
19															458						
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	474	496	502	446	455	483	416	409	454	392		458	426	426	449	475	508	n/a	509	425	415
5	474	496	503	446	456	484	417	412	454	392		463	427	426	449	475	509	n/a	509	427	416
9																					
10	479	497	504	446	456	487	417	413	455	393		468	429	426	450	475	512	n/a	509	430	417
11					456	490															
12				446			417		457									n/a			
13								413		390		465	429		454	476	516		509		418
13.8																					
14														427							437
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	448	406	426	459	469	382	360	463	459	468	446	456	495	518	481	495	443	446
5	448	406	428	459	469	380	362	465	463	468	446	460	503	518	481	495	446	446
10	448	406	432	459	470	380	363	470	468	468	446	467	505	518	481	499	451	447
14																		
15	447	409	433	459	470	380	364	472	470	468	446	468	507	519	482	500	459	447
16																		
17																		
17.4													511					
17.5														519				
18					476				473									
18.8												471						447
19	448	420	445	461		379	369	482		468								
19.3																	465	
19.9																501		
20											449				482			
20.6											450							

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	442	413	434	464	473	383	362	470	467	464	446	465	499	510	472	493	443	434
5	442	413	434	465	474	384	363	472	468	464	446	468	501	510	472	495	445	434
9																		
10	443	413	434	465	473	382	364	476	474	464	446	472	507	510	473	495	450	434
11																		
12																		
13					474							476	511					
13.8																	459	
14	445		436	465					479									
14.1														510				
14.7															473			434
15		414				382	366	479		465	446					497		
15.8											446							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf			409	354	350	375	358	361	382	406	357	371	383	397	384	431	452	427	409	415
5			425		350	374	358	361	382	412	360	374	386	397	384	431	452	427	400	415
6				362																
10			431		350	374	357	362	382	413	360	377	387	396	384	430	454	427	401	416
12				368																
15			441		352	374	355	363	382	416	360	383	388	396	384	432	456	427	402	417
16														396		432	457	425		
17										416									403	
18				373	353				381			384	388		384					422
18.2																				
18.9																				
19				377			356													
20								363			358									
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf			380	333	348	374	359	362	381	408	376	370	383	396	385	431	453	427	409	414
5			381	332	349	374	359	362	382	409	376	371	384	397	384	431	453	426	409	414
10			380		349	374	359	362	382	411	376	381	384	397	384	429	454	426	410	415
12				336																
15			380		351	374	359	362	382	414	376	377	387	397	385	431	456	426	410	416
16																	458	431		
17														397						
18				338	353				382	414		427			385	434			412	417
19							359	363					385							
19.2																				
20											383									
20.4																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	422	437	403	385	380	398	280	278	265	291	344	314	340	331	341	342	394	334	400	343	338
5	422	438	405	385	380	399	334	291	295	291	344	313	340	331	341	343	379	335	400	344	339
6																					
10	422	438	413	385	381	401	334	282	296	289	345	298	343	330	342	344	380	338	400	345	340
12																					
15	422	438	413	386	381	402	334	282	297	290	345	295	343	331	342	344	381	336	401	345	341
16	422	438		386																	
17			414			402					346	290	343								
18					382					288							384		401		341
18.2																					
18.9																					
19							334	282	301												346
20														331	344	345		338			
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	422	438	397	383	379	397	279	276	300	336	344	287	340	330	341	342	391	350	396	344	340
5	422	438	397	383	379	398	279	284	299	336	344	284	340	330	341	343	392	339	397	344	340
10	422	438	397	383	379	398	279	290	298	337	344	284	340	330	341	344	393	342	397	345	341
12																					
15	422	438	397	383	380	399	280	289	300	339	345	284	341	330	341	346	393	341	397	346	341
16		438																			
17	422		398			401					345		341								
18					381																
19				383			280			340	284							341			
19.2																					
20							288	299						330	342	342	394		397	346	341
20.4																					
21														330							
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	364	347	360	384	361	333	303	391	391	392	382	399	423	439	420	436	391	390
5	364	347	359	384	361	335	304	392	392	393	382	399	424	439	419	436	392	390
6																		
10	364	347	360	389	361	336	304	393	392	393	382	399	428	439	420	437	393	390
12																		
15	364	347	361	389	361	338	307	394	393	393	382	398	429	439	420	437	397	390
16																		
17																		
18																		
18.2																		391
18.9																	400	
19					362									439				
20	363	348	361	390		334	308	396	394	393	382	399			420	437		
20.1													449					
20.6															418			
20.8																437		
21			361				309		394	392								
21.5											382							
22								396										

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS	TDS
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	364	345	359	380	362	319	304	391	391	392	382	399	424	438	420	436	390	391
5	364	345	359	381	362	320	305	392	391	392	382	399	424	438	419	436	390	391
10	364	345	361	381	362	321	305	393	393	392	382	399	428	438	419	437	396	391
12																		
15	364	345	361	381	364	321	307	394	393	393	382	400	429	438	420	437	396	391
16																		
17																		
18					365													
19																		
19.2																	398	
20	363	346	361			321	308	395	393	393	382	400	429		419	438		
20.4																		391
21	362		361	383					394	393		400	438	439				
21.5																438		
22		347				320	308	398										
22.8															420			
23.2											383							

Lake Merced
North

Depth Ft	15-May-97 DO mg/L	10-Sep-97 DO mg/L	3-Dec-97 DO mg/L	16-Mar-98 DO mg/L	8-Jul-98 DO mg/L	23-Sep-98 DO mg/L	17-Mar-99 DO mg/L	21-Jun-99 DO mg/L	15-Sep-99 DO mg/L	8-Dec-99 DO mg/L	21-Mar-00 DO mg/L	21-Jun-00 DO mg/L	9-Aug-00 DO mg/L	19-Dec-00 DO mg/L	7-Mar-01 DO mg/L	20-Jun-01 DO mg/L	1-Oct-01 DO mg/L	18-Dec-01 DO mg/L	5-Mar-02 DO mg/L	30-Apr-02 DO mg/L	18-Jun-02 DO mg/L
Surf	14.5	10.2	6.7	9.6	9.3	8.6	9.1		7.6	7.9	7.7	10.8	7.3	7.9	9.9	13.1	13.0	9.4	10.6	11.0	10.8
5	10.0	9.8	5.2	9.5	9.1	6.4	9.0		6.2	7.1	7.3	9.2	6.4	7.5	9.0	12.5	8.8	8.0	10.3	10.2	9.3
10	2.0	2.4	4.7	4.9	8.5	4.2	7.6		6.2	6.6	7.1	8.9	5.9	7.3	6.4	0.4	3.1	8.2	6.3	4.4	8.2
14									5.7	6.6				4.4			0.7				
15	0.5	0.2	4.7	0.37	3.4	1.1	6.2				6.7	1.0	4.6		3.8	0.6		8.6	1.5	2.5	1.2
16	0.2	0.2		0.27											3.9				0.6	1.2	1.1
17																					
17.4																					
17.5																					
18			4.5							0.1											
18.8																					
19																					
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth Ft	15-May-97 DO mg/L	10-Sep-97 DO mg/L	3-Dec-97 DO mg/L	16-Mar-98 DO mg/L	8-Jul-98 DO mg/L	23-Sep-98 DO mg/L	17-Mar-99 DO mg/L	21-Jun-99 DO mg/L	15-Sep-99 DO mg/L	8-Dec-99 DO mg/L	21-Mar-00 DO mg/L	21-Jun-00 DO mg/L	9-Aug-00 DO mg/L	19-Dec-00 DO mg/L	7-Mar-01 DO mg/L	20-Jun-01 DO mg/L	1-Oct-01 DO mg/L	18-Dec-01 DO mg/L	5-Mar-02 DO mg/L	30-Apr-02 DO mg/L	18-Jun-02 DO mg/L
Surf	11.5		5.9	8.0	6.9	7.6	9.5		6.8	9.5	8.7	7.6	6.0	9.7	9.5	11.1	8.1	9.6	8.8	9.1	10.0
5	9.1		5.7	7.3	6.5	6.1	9.3		6.6	9.0	8.1	7.3	5.2	9.3	8.5	7.0	2.7	9.3	8.2	8.1	9.1
9																	1.2				
10	3.0		5.4	3.2	5.6	5.7	8.5		6.1	8.1	7.2	5.9	4.7	9.0	6.4	0.4		8.9	3.6	5.5	3.2
11																			3.3	2.0	
12				0.86																	
13										0.1											
13.8																					
14																					
14.1																					
14.7																					
15																					
15.8																					

Appendix K

Lake Merced
North

Depth Ft	23-Aug-02 DO mg/L	23-Oct-02 DO mg/L	11-Feb-03 DO mg/L	14-May-03 DO mg/L	15-Jul-03 DO mg/L	30-Sep-03 DO mg/L	2-Dec-03 DO mg/L	27-May-04 DO mg/L	29-Aug-04 DO mg/L	27-Oct-04 DO mg/L	9-Dec-04 DO mg/L	9-Feb-05 DO mg/L	18-Apr-05 DO mg/L	23-Jun-05 DO mg/L	28-Sep-05 DO mg/L	31-Oct-05 DO mg/L	29-Nov-05 DO mg/L	29-Dec-05 DO mg/L	23-Jan-06 DO mg/L	01-Mar-06 DO mg/L	26-Apr-06 DO mg/L
Surf	6.3	6.6	9.6	9.7	10.8	6.7	8.7	5.8	9.4	8.1	8.2	7.9	7.0	7.1	11.3	8.6	7.4	8.5	8.1	8.1	8.5
5	6.1	6.3	8.4	9.4	9.4	5.7	5.9	5.4	9.0	6.4	7.6	7.8	6.8	7.0	10.5	6.6	7.0	7.8	7.5	7.8	8.0
10	5.9	6.2	8.0	9.2	3.2	5.1	4.1	5.1	8.9	6.6	6.9	7.6	6.8	6.8	6.5	6.1	6.8	7.5	7.5	7.8	7.5
14																					
15	5.8	5.8	7.4	7.2	0.3	4.7	3.5	2.4	5.2	5.9	5.3	6.9	6.6	0.2	2.6	5.9	6.9	6.9	7.6	7.3	5.0
16				3.8			3.5														
17						4.6		0.9	0.2	5.7		6.8									
17.4																					
17.5																					
18											4.1		6.5					3.5	7.5		
18.8																					
19														0.2						4.9	0.3
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth Ft	23-Aug-02 DO mg/L	23-Oct-02 DO mg/L	11-Feb-03 DO mg/L	14-May-03 DO mg/L	15-Jul-03 DO mg/L	30-Sep-03 DO mg/L	2-Dec-03 DO mg/L	27-May-04 DO mg/L	29-Aug-04 DO mg/L	27-Oct-04 DO mg/L	9-Dec-04 DO mg/L	9-Feb-05 DO mg/L	18-Apr-05 DO mg/L	23-Jun-05 DO mg/L	28-Sep-05 DO mg/L	31-Oct-05 DO mg/L	29-Nov-05 DO mg/L	29-Dec-05 DO mg/L	23-Jan-06 DO mg/L	01-Mar-06 DO mg/L	26-Apr-06 DO mg/L
Surf	8.5	8.7	10.1	7.4	9.6	7.4	9.1	7.6	8.3	8.1	9.5	9.1	8.0	6.6	9.9		7.8	9.4	7.9	9.6	7.9
5	8.4	7.6	9.6	6.9	7.7	6.5	5.9	7.2	7.9	7.7	7.6	9.3	7.8	5.9	8.7		7.6	7.5	7.3	9.2	8.0
9																					
10	7.7	7.5	7.7	6.6	1.4	5.4	4.1	4.7	5.7	7.6	5.6	9.1	6.4	1.2	3.1		7.3	5.6	6.9	6.6	7.7
11				6.7	0.8																
12			6.7			5.7		3.4		5.8											
13							4.1		0.2		0.3	8.2		0.2					6.7		
13.8																					
14													4.9					3.3		3.8	
14.1																					
14.7																					
15																					5.6
15.8																					

Lake Merced
North

Depth Ft	14-Jun-06 DO mg/L	24-Aug-06 DO mg/L	25-Oct-06 DO mg/L	20-Dec-06 DO mg/L	29-Mar-07 DO mg/L	26-Jun-07 DO mg/L	20-Aug-07 DO mg/L	27-Dec-07 DO mg/L	28-Mar-08 DO mg/L	10-Jun-08 DO mg/L	24-Sep-08 DO mg/L	4-Dec-08 DO mg/L	24-Mar-09 DO mg/L	4-Jun-09 DO mg/L	22-Sep-09 DO mg/L	15-Dec-09 DO mg/L
Surf	12.3	6.5	5.5	8.2	9.8	10.2	17.9	8.2	8.9	17.9	13.4	5.9	9.3	13.5	10.5	8.9
5	10.5	6.4	5.3	8.0	8.1	9.4	9.4	8.1	8.5	14.1	6.1	4.9	9.2	12.5	6.5	7.7
10	3.7	6.1	5.1	7.9	5.8	4.8	6.6	7.7	8.3	4.4	2.5	4.5	7.3	6.6	1.3	7.1
14																
15	2.2	6.0	5.1	7.9	4.8	2.5	2.7	6.2	8.0	3.2	0.1	3.7	7.0	4.9	0.3	6.8
16																
17																
17.4											0.1					
17.5												3.7	3.7			
18			0.8				0.5									
18.8										0.9						6.7
19	0.3	5.7		7.7	1.1	0.5		6.3								
19.3															0.3	
19.9														2.4		
20									0.6				5.5			
20.6									0.4							

Lake Merced
North East

Depth Ft	14-Jun-06 DO mg/L	24-Aug-06 DO mg/L	25-Oct-06 DO mg/L	20-Dec-06 DO mg/L	29-Mar-07 DO mg/L	26-Jun-07 DO mg/L	20-Aug-07 DO mg/L	27-Dec-07 DO mg/L	28-Mar-08 DO mg/L	10-Jun-08 DO mg/L	24-Sep-08 DO mg/L	4-Dec-08 DO mg/L	24-Mar-09 DO mg/L	4-Jun-09 DO mg/L	22-Sep-09 DO mg/L	15-Dec-09 DO mg/L
Surf	8.9	7.5	6.5	7.0	10.5	9.6	14.0	6.37	8.7	14.3	12.7	4.9	8.6	11.5	9.7	9.8
5	4.8	7.1	6.5	6.9	8.0	8.2	10.9	6.20	8.8	10.4	10.6	4.0	8.2	9.1	7.2	8.9
9																
10	3.3	6.0	6.5	6.7	5.7	5.2	3.9	5.38	7.9	2.8	1.8	4.0	6.7	8.1	1.0	8.9
11																
12																
13			6.4							0.7	0.1					
13.8															0.4	
14	1.1	4.8					0.3									
14.1												3.9				
14.7													0.8			6.0
15				6.6	1.4	1.6		0.58	6.5					3.0		
15.8									6.2							

Lake Merced
South - Pistol

Depth Ft	15-May-97 DO mg/L	10-Sep-97 DO mg/L	3-Dec-97 DO mg/L	16-Mar-98 DO mg/L	8-Jul-98 DO mg/L	23-Sep-98 DO mg/L	17-Mar-99 DO mg/L	21-Jun-99 DO mg/L	15-Sep-99 DO mg/L	8-Dec-99 DO mg/L	21-Mar-00 DO mg/L	21-Jun-00 DO mg/L	9-Aug-00 DO mg/L	19-Dec-00 DO mg/L	7-Mar-01 DO mg/L	20-Jun-01 DO mg/L	1-Oct-01 DO mg/L	18-Dec-01 DO mg/L	5-Mar-02 DO mg/L	30-Apr-02 DO mg/L	18-Jun-02 DO mg/L
0	12.4	8.5	7.4	8.6	8.7	7.9	8.9	8.0	6.6	9.8	9.2	9.4	7.9	7.4	9.0	9.5	11.2	9.5	9.8	9.9	8.0
5	9.2	7.9	7.3		8.5	6.6	8.6	7.9	6.4	9.7	8.8	8.2	6.2	7.3	8.5	9.3	10.4	9.2	9.7	9.8	7.7
6				7.9																	
10	6.7	1.6	7.3		8.4	6.1	8.3	7.5	6.2	9.5	8.4	6.0	5.6	7.2	8.1	5.2	6.5	8.7	8.7	9.3	7.5
12				7.5																	
15	3.5	0.2	6.6		4.6	4.9	8.2	5.9	6.2	8.5	7.7	0.1	5.5	7.0	7.2	1.3	1.9	8.3	6.7	8.3	7.0
16	3.3	0.2												6.8		1.2	1.4	0.4			1.7
17	3.4									8.7											
18				5.5	4.5				6.3			0.1	<i>0.05</i>		6.2				1.6		
18.2																				0.2	
18.9																					
19				5.4			8.1														
20								4.7			0.2										
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South -

Depth Ft	15-May-97 DO mg/L	10-Sep-97 DO mg/L	3-Dec-97 DO mg/L	16-Mar-98 DO mg/L	8-Jul-98 DO mg/L	23-Sep-98 DO mg/L	17-Mar-99 DO mg/L	21-Jun-99 DO mg/L	15-Sep-99 DO mg/L	8-Dec-99 DO mg/L	21-Mar-00 DO mg/L	21-Jun-00 DO mg/L	9-Aug-00 DO mg/L	19-Dec-00 DO mg/L	7-Mar-01 DO mg/L	20-Jun-01 DO mg/L	1-Oct-01 DO mg/L	18-Dec-01 DO mg/L	5-Mar-02 DO mg/L	30-Apr-02 DO mg/L	18-Jun-02 DO mg/L
Surf	12.2	7.6	6.8	9.2	10.1	8.0	9.5	8.3	9.0	10.2	8.8	10.5	8.9	6.8	9.2	9.7	10.7	10.1	10.0	9.8	8.7
5	12.1	5.0	6.6	9.2	9.7	7.4	9.4	8.2	7.7	9.8	8.6	10.0	7.7	6.7	8.8	9.3	10.2	9.7	9.9	9.8	8.6
10	7.8	1.9	6.3		9.1	7.0	8.9	7.9	7.6	9.6	8.4	3.3	7.4	6.6	8.2	6.3	7.7	9.6	6.0	8.1	8.2
12				8.7																	
15	5.5	0.2	6.2		4.9	6.9	8.8	6.6	7.7	8.9	7.8	0.1	7.1	6.3	6.5	1.6	2.0	9.2	3.0	7.9	8.0
16	4.5	0.2															1.1	0.6			
17														6.1							7.5
18				4.4	3.2				7.4	8.7		0.1			4.6	0.7			0.5	0.1	
19							8.3	5.2					0.1								
19.2																					
20										0.1											
20.4																					
21																					
21.5																					
22																					
22.8																					
23.2																					

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol

Depth Ft	23-Aug-02 DO mg/L	23-Oct-02 DO mg/L	11-Feb-03 DO mg/L	14-May-03 DO mg/L	15-Jul-03 DO mg/L	30-Sep-03 DO mg/L	2-Dec-03 DO mg/L	27-May-04 DO mg/L	29-Aug-04 DO mg/L	27-Oct-04 DO mg/L	9-Dec-04 DO mg/L	9-Feb-05 DO mg/L	18-Apr-05 DO mg/L	23-Jun-05 DO mg/L	28-Sep-05 DO mg/L	31-Oct-05 DO mg/L	29-Nov-05 DO mg/L	29-Dec-05 DO mg/L	23-Jan-06 DO mg/L	01-Mar-06 DO mg/L	26-Apr-06 DO mg/L
0	8.0	6.5	10.1	8.5	9.8	6.7	9.1	8.3	7.5	7.4	8.1	9.5	8.0	8.1	9.9	8.6	8.3	8.9	9.1	8.8	8.1
5	7.8	6.2	10.0	8.4	9.1	6.7	8.4	8.0	6.9	7.1	7.3	8.8	7.9	8.1	9.6	8.1	8.3	8.7	8.9	8.8	7.9
6																					
10	7.4	5.2	10.0	7.7	5.5	6.3	8.1	7.5	6.4	6.7	6.8	8.2	7.6	5.3	8.6	7.0	8.2	8.7	8.7	8.8	7.7
12																					
15	6.7	4.9	9.6	5.9	2.6	6.2	7.9	3.2	4.9	6.5	6.5	8.6	7.6	2.2	4.2	6.6	8.2	8.6	8.6	8.7	7.4
16	5.8		9.3																		
17		3.2			2.0					3.8	3.7	7.8									
18				4.5					3.5											8.6	
18.2																					
18.9																					
19						5.8	7.8	0.3										7.4			
20													7.2							8.6	5.9
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South -

Depth Ft	23-Aug-02 DO mg/L	23-Oct-02 DO mg/L	11-Feb-03 DO mg/L	14-May-03 DO mg/L	15-Jul-03 DO mg/L	30-Sep-03 DO mg/L	2-Dec-03 DO mg/L	27-May-04 DO mg/L	29-Aug-04 DO mg/L	27-Oct-04 DO mg/L	9-Dec-04 DO mg/L	9-Feb-05 DO mg/L	18-Apr-05 DO mg/L	23-Jun-05 DO mg/L	28-Sep-05 DO mg/L	31-Oct-05 DO mg/L	29-Nov-05 DO mg/L	29-Dec-05 DO mg/L	23-Jan-06 DO mg/L	01-Mar-06 DO mg/L	26-Apr-06 DO mg/L
Surf	7.9	7.3	9.4	9.5	9.9	7.6	9.0	8.8	9.6	6.5	7.9	9.5	8.1	8.3	10.5	8.8	8.5	9.0	9.2	8.8	9.7
5	7.6	7.2	9.2	9.4	9.4	6.5	8.0	8.6	9.3	6.1	7.5	9.0	7.9	8.1	8.6	8.2	8.2	8.7	8.8	8.6	9.5
10	7.7	7.2	9.1	9.3	8.0	4.8	7.7	6.6	7.2	5.5	6.5	9.0	7.8	7.7	6.0	7.2	8.1	8.5	8.6	8.4	9.4
12																					
15	7.6	7.1	9.2	7.8	4.6	3.9	7.6	4.4	3.0	3.6	6.1	7.0	7.8	1.9	2.6	5.0	8.1	7.8	8.7	8.3	8.9
16	7.0																				
17		6.9			1.2					3.5		6.9									
18				4.7																	
19			8.5			3.9			0.3		5.3										
19.2																					
20							7.0	2.0					7.6					7.6	8.7	8.0	7.3
20.4																					
21													7.6							7.9	
21.5																					
22																					6.4
22.8																					
23.2																					

Lake Merced
South - Pistol

Depth Ft	14-Jun-06 DO mg/L	24-Aug-06 DO mg/L	25-Oct-06 DO mg/L	20-Dec-06 DO mg/L	29-Mar-07 DO mg/L	26-Jun-07 DO mg/L	20-Aug-07 DO mg/L	27-Dec-07 DO mg/L	28-Mar-08 DO mg/L	10-Jun-08 DO mg/L	24-Sep-08 DO mg/L	4-Dec-08 DO mg/L	24-Mar-09 DO mg/L	4-Jun-09 DO mg/L	22-Sep-09 DO mg/L	15-Dec-09 DO mg/L
0	9.4	6.5	7.1	8.4	9.1	8.4	11.5	10.9	8.9	11.5	11.9	7.1	10.0	10.5	9.8	9.8
5	9.1	6.2	7.0	8.4	8.9	7.7	10.1	10.2	9.0	10.9	10.9	6.7	9.9	9.9	8.0	9.5
6																
10	8.2	5.9	7.0	7.7	8.8	6.8	8.0	10.1	8.6	10.2	4.5	6.6	9.2	8.0	6.7	9.3
12																
15	5.0	5.9	6.7	7.4	8.5	6.7	5.2	10.0	8.5	9.5	3.0	6.4	9.1	6.6	0.3	8.7
16																
17																
18																
18.2																7.8
18.9															0.4	
19			4.1									6.3				
20	3.6	5.9		4.4	7.2	3.2	1.5	9.7	8.2	0.6			8.3	6.5		
20.1											0.2					
20.6													2.8			
20.8														0.7		
21	3.3				6.9		1.4	9.3								
21.5									7.9							
22						1.9										

Lake Merced
South -

Depth Ft	14-Jun-06 DO mg/L	24-Aug-06 DO mg/L	25-Oct-06 DO mg/L	20-Dec-06 DO mg/L	29-Mar-07 DO mg/L	26-Jun-07 DO mg/L	20-Aug-07 DO mg/L	27-Dec-07 DO mg/L	28-Mar-08 DO mg/L	10-Jun-08 DO mg/L	24-Sep-08 DO mg/L	4-Dec-08 DO mg/L	24-Mar-09 DO mg/L	4-Jun-09 DO mg/L	22-Sep-09 DO mg/L	15-Dec-09 DO mg/L
Surf	9.7	6.2	6.6	7.8	8.6	8.9	11.8	10.9	9.2	11.7	11.2	8.4	10.2	10.9	11.0	9.22
5	9.4	6.0	6.4	7.6	8.5	8.0	11.5	10.9	9.3	11.0	10.6	8.0	9.7	10.8	9.8	9.12
10	5.9	6.0	5.5	7.3	6.7	6.0	7.4	10.2	9.3	10.3	3.7	7.7	9.6	7.8	2.3	8.86
12																
15	4.7	5.9	0.7	7.2	6.2	4.5	5.3	10.0	9.2	6.3	3.3	7.6	9.5	5.2	0.3	8.65
16																
17																
18			0.5													
19																
19.2															0.4	
20	3.3			7.2	6.1	3.7	3.4	9.9	9.2	5.4	2.6		9.4	3.6		
20.4																8.59
21	2.4	4.0					3.2	9.9		0.5	0.2	7.2				
21.5														0.4		
22				7.1	5.7	2.1										
22.8													0.5			
23.2									9.0							

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	295	186	305	274	290	264	395		352	328	191	202	269	302	366	166	232	319	261	215
5	302	173	305	262	286	251	394		353	328	178	192	271	293	366	159	233	318	253	205
10	319	138	305	231	280	232	393		352	329	168	168	269	276	364	47	236	315	234	176
14									353	330				240			231			
15	328	9	305	206	271	202	393				141	128	267		359	25		308	188	136
16	329	13		205											354				94	40
17																				
17.4																				
17.5																				
18			309							54										
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	338		281	262	315	299	423		344	278	186	346	253	296	351	169	223	272	268	218
5	347		276	253	315	297	424		343	265	166	341	252	284	349	143	223	264	264	203
9																	214			
10	361		271	244	315	297	426		343	236	110	335	249	265	343	44		246	241	168
11																			207	62
12				237																
13											-48									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	457	451	528	547	540	470	498	473	437	299	373	330	328	323	173	378	265	427	319	298	228
5	455	451	528	547	540	471	498	474	436	294	372	330	323	309	169	378	258	419	316	297	229
10	451	450	527	547	538	473	498	475	435	287	371	331	313	304	151	377	248	391	309	296	229
14																					
15	443	446	525	544	537	471	497	475	429	268	370	332	303	298	102	376	233	367	297	293	229
16	332				530			475								373					
17							497		409	69	368		293				219				
17.4																					
17.5																					
18												334		290				338	281	295	228
18.8																					
19																					
19.3															-3						
19.9																					
20																					
20.6																					

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	416	438	529	542	538	469	494	474	442	205	339	276	319	275	147	374	264	n/a	289	239	216
5	376	433	529	541	538	469	493	475	441	186	333	269	313	259	132	374	257	n/a	276	228	211
9																					
10	323	397	529	540	537	468	491	474	442	143	325	256	304	244	71	374	236	n/a	255	214	202
11					535	448															
12				533			485		441		314							n/a			
13								471		55		213	290		-21	374	218		227		184
13.8																					
14														198							190
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	285	213	278	315	369	356	230	185	304	296	278	280	227	447	324	305	255	381
5	285	209	259	314	368	359	231	175	296	294	269	274	191	448	322	298	226	382
10	285	203	232	313	367	358	242	139	295	293	260	240	152	448	322	274	140	382
14																		
15	285	186	208	309	364	355	242	76	269	288	242	211	88	448	319	255	89	381
16																		
17																		
17.4													-4					
17.5														448				
18					368				268									
18.8												93						381
19	287	130	161	305		350	239	-31		287								
19.3																	79	
19.9																199		
20											77				317			
20.6											58							

Lake Merced
North East

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	268	244	328	310	379	360	204	243	295	251	316	276	263	515	273	333	292	347
5	268	238	328	308	378	361	204	234	277	239	312	260	249	518	263	331	260	343
9																		
10	267	232	323	303	377	360	210	227	251	202	294	187	136	519	248	323	186	331
11																		
12																		
13					376							31	10					
13.8																	133	
14	266		318	296					74									
14.1														521				
14.7															199			318
15		215				357	203	220		103	278					319		
15.8											260							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	311	276	233	292	286	287	404	349	340	301	225	174	184	429	431	216	262	280	266	224
5	325	276	228		282	287	403	347	340	294	207	148	175	429	432	215	264	276	259	211
6				291																
10	336	290	214		275	283	402	344	339	288	196	119	164	429	431	219	274	266	248	200
12				289																
15	346	287	197		273	274	400	343	339	283	181	-56	136	429	431	217	284	254	221	183
16	346	288												431		206	283	175		
17	344									277										139
18				287	265				339			-57	56		430					61
18.2																				
18.9																				
19				287			398													
20								346			172									
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Ft	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	303	242	269	297	289	287	366	313	336	316	176	203	198	421	410	225	243	264	268	232
5	305	241	264	299	286	284	361	309	337	313	173	193	190	421	411	226	243	262	263	225
10	318	244	258		278	265	350	298	337	312	159	159	170	421	411	227	246	256	249	212
12				285																
15	326	241	257		273	252	337	280	336	311	140	105	132	418	412	231	255	239	214	181
16	324	246															259	138		
17														418						
18				286	269				335	309		30			411	228				114
19							320	258					29							66
19.2																				
20											63									
20.4																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Fl	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	348	453	526	547	542	482	502	431	414	318	341	315	319	321	221	355	284	309	315	318	235
5	336	453	523	547	542	481	497	431	407	314	338	316	312	310	214	353	277	307	312	316	232
6																					
10	315	453	518	547	541	481	486	430	385	305	322	315	305	291	203	349	267	302	306	315	228
12																					
15	286	451	507	544	537	477	466	430	358	298	315	313	293	275	190	344	255	295	298	313	223
16	208	445		540																	
17			423			467					311	316	252								
18					526					232							210		289		212
18.2																					
18.9																					
19							430	429	159												313
20														258	157	341		278			
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Fl	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	414	449	518	543	533	468	506	402	445	260	341	338	335	321	260	376	279	349	323	318	231
5	401	449	516	543	532	466	506	401	445	251	342	338	332	312	254	377	275	345	322	318	231
10	374	448	513	542	529	464	506	400	446	236	342	339	325	303	238	378	263	321	318	318	230
12																					
15	334	445	505	537	524	457	503	398	446	207	344	340	317	297	222	383	251	294	312	318	230
16		438																			
17	260		491			447					345		295								
18					510																
19				530			502			155		340							278		
19.2																					
20								398	446					293	193	386	237		301	318	229
20.4																					
21														290							
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Fl	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	276	303	417	254	428	343	357	356	364	304	356	283	240	472	350	322	337	374
5	276	301	416	250	428	346	356	358	360	305	352	277	230	472	346	315	316	374
6																		
10	275	299	412	243	428	350	361	361	357	303	345	255	214	471	342	305	296	372
12																		
15	274	294	411	235	428	349	373	364	343	299	337	234	152	470	338	298	254	368
16																		
17																		
18																		
18.2																		366
18.9																	237	
19					430									468				
20	272	290	409	220		344	370	372	317	296	324	128			328	273		
20.1													19					
20.6															326			
20.8																198		
21			404				368		290	295								
21.5											299							
22								373										

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP	ORP
Fl	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV	mV
Surf	281	289	396	284	416	364	331	326	339	415	472	272	260	82	284	306	344	385
5	282	288	396	283	416	366	332	327	337	415	472	266	254	77	282	296	332	384
10	282	287	399	282	417	370	333	334	339	417	471	256	242	74	278	286	320	383
12																		
15	282	286	399	279	419	372	343	335	331	417	469	243	217	73	263	265	301	380
16																		
17																		
18					419													
19																		
19.2																	294	
20	281	288	399			371	344	336	314	416	464	217	185		244	241		
20.4																		377
21	281		398	277					292	414		91	35	70				
21.5																195		
22		287				369	339	335										
22.8															170			
23.2											455							

Lake Merced
North

Depth Ft	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu
Surf	10.0	25	28	10	32.6		20.0		32.0	26.1	19.0	28.8	28.2	26.7	21.1	30.3	27.0	3.7	11.0	31.9
5	10.0	24	25	11	31.1		20.5		32.0	25.0	19.0	27.3	25.0	26.6	21.6	34.8	30.0	3.2	9.2	33.7
10	7.4	26	29	11	25.6		20.8		33.0	24.6	19.1	28.0	28.5	27.6	23.7	32.0	30.0	3.9	13.6	33.3
14									30.0	27.9				27.8			30.0			
15	7.4	28	24	13	28.5		22.1					28.2	28.7		21.9	21.8		4.6	13.4	23.9
16																				
17																				
17.4																				
17.5																				
18											20.0									
18.8																				
19																				
19.3																				
20																				
20.6																				

Lake Merced
North East

Depth Ft	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu	Turb ntu
Surf	8.2		7.0	6.7	19.4		32.3		23.0	24.1	25.4	22.7	21.7	36.4	33.1	30.0	20.0	3.9	16.1	24.1
5	7.5		5.2	8.3	20.3		29.6		22.0	26.6	25.4	27.4	20.4	32.8	32.7	30.0	21.0	3.0	17.2	24.1
9																	20.0			
10	8.1		7.1	10	18.3		31.1		23.0	24.9		26.1	48.7	32.3	32.9	33.3		3.5	17.0	24.9
12																				
13											32.6									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	23.0	23.0	14.9	20.4	22.0	32.5	24.3	29.6	1.6	14.0	11.0	3.4	3.7	1.2	8.2	11.3	11.0	13.6	10.0	9.4
5	23.0	28.0	4.5	18.5	25.1	34.7	22.1	28.2	1.9	14.0	13.0	3.5	4.1	1.4	8.6	11.0	12.0	13.5	12.0	7.7
10	23.0	23.0	9.7	22.4	25.0	32.6	22.9	25.8	1.2	13.0	13.0	5.6	3.9	1.6	8.3	11.9	11.0	13.5	11.0	8.4
14																				
15	16.0	25.0	19.6	21.8	24.0	28.1	25.5	24.8	1.5	14.0	11.0	7.5	4.4	1.5	8.2	13.1	11.0	13.4	10.0	6.5
16																12.6				
17										14.0			5.0				8.0			
17.4																				
17.5																				
18												7.6		1.5				12.8	10.0	7.3
18.8																				
19															8.8					
19.3																				
20																				
20.6																				

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	29.0	20.0	19.0	19.6	17.0	23.4	28.1	29.8	12.2	14.0	11.0	6.1	8.2	7.6	10.8	15.1	12.0	12.6	9.5	10.0
5	26.0	19.0	16.3	20.7	16.8	21.2	31.4	24.7	11.3	15.0	11.0	6.6	4.6	9.1	11.0	16.0	12.0	13.6	10.0	8.5
9																				
10	25.0	21.0	25.8	20.2	17.4	20.6	22.7	18.4	10.5	15.0	11.0	5.5	8.7	9.5	9.2	16.8	12.0	12.6	9.0	6.5
12																				
13										14.0		5.5	4.8		10.3	15.5	11.0	11.0	10.0	
13.8																				
14														9.7						5.3
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
Ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	11.0	8.2	10.5	23.5	23.0	27.0	25.0	19.0	21.0	32.0	15.2	7.2	32.0			14.7	15.4
5	10.0	6.7	9.6	23.5	23.0	24.0	24.0	18.0	22.0	36.1	15.0	7.3	30.0			14	18.1
10	8.9	7.5	11.0	18.2	21.5	20.0	23.0	18.0	18.0	33.4	14.2	7.6	22.0			13.8	
14																	
15	11.0	6.8	11.0	14.9	22.2	21.0	21.0	21.0	18.0	36.1	14.5	7.5	25.0			14.7	
16																	
17																	
17.4																	
17.5																	
18	10.0					21.0				24.3							
18.8													20.0				
19		8.4	7.3	13.4	22.0		23.0	20.0	18.0		14.2						
19.3																	
20																15.2	
20.6												10.3					

Lake Merced
North East

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
Ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	11.0	13.0	2.1	20.8	18.0	23.0	17.0	17.0	21.0	27.0	8.2	9.2	22.0			13.4	19.3
5	11.0	13.0	1.9	20.5	18.0	23.0	16.0	18.0	21.0	28.0	8.8	10.0	23.0			14.7	18.4
9																	
10	11.0	13.0	1.9	17.2	18.0	25.0	16.0	17.0	19.0	26.0	8.6	9.5	22.0			14	
12																	
13	11.0					24.0							19.0				
13.8																	
14		12.0		14.4	20.0					27.0							
14.1																	
14.7																14.8	
15			2.0				17.0	16.0	19.0		8.7						
15.8												9.4					

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	20.0	32	22	8.4	13.2		12.1	16.1	25.0	23.9	20.6	16.6	19.1	10.7	9.4	14.0	13.0	2.2	9.0	13.0
5	20.0	28	22		12.3		12.0	17.1	23.0	27.1	17.0	15.4	19.1	11.8	10.9	14.4	13.0	2.7	8.8	12.5
6				9.9																
10	20.0	26	22		10.5		12.2	16.0	22.0	28.5	18.0	15.8	19.0	10.6	10.3	13.5	13.0	3.6	8.8	12.3
12				11																
15	18.0	25	24		9.7		11.3	16.3	22.0	28.6				12.0	13.1	16.5	13.0	3.0	8.8	13.6
16	18.0	28																		
17																				
18				11								12.1	16.8							
18.9																				
19																				
20										17.0										
20.6																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	20.0	28	22	9.8	10.8		10.2	16.0	30.0	28.2	18.2	17.7	21.2	9.8	10.1	12.8	13.0	2.5	7.9	13.2
5	18.0	30	19	10	12.5		10.4	15.4	26.0	28.9	18.0	15.1	19.2	10.1	9.7	12.2	14.0	3.2	10.1	12.4
10	18.0	24	20		10.2		11.7	15.1	24.0	33.3	16.8	14.5	19.1	10.7	9.6	12.3	15.0	2.5	10.0	12.7
12				8.6																
15	17.0	26	19		9.1		11.8	16.3	25.0	31.6				11.9	10.1	14.4	13.0	3.0	10.3	13.0
16																				
17																				
18				12								15.3								
19													19.1							
19.2																				
20											17.1									
21																				
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	17.0	20.0	12.6	14.3	12.8	15.6	16.2	19.5	11.8	22.0	19.0	15.0	11.3	7.8	10.2	9.1	7.0	12.8	10.0	9.4
5	14.0	20.0	13.0	14.5	12.0	17.4	14.1	17.9	12.3	21.0	18.0	15.0	10.7	8.2	11.4	9.9	7.0	11.0	11.0	9.4
6																				
10	13.0	17.0	12.1	14.9	9.5	18.8	15.2	16.2	11.8	20.0	18.0	17.0	12.3	8.2	10.6	9.6	7.0	9.7	10.0	8.7
12																				
15	13.0	20.0	6.9	13.4	12.3	15.3	15.1	19.2	12.5	20.0	18.0	14.0	17.2	7.6	11.2	8.3	7.0	9.7	11.0	9.0
16																				
17													16.0	11.5						
18										18.0							7.0		11.0	
18.9																				
19																				10.0
20														9.2	9.1	8.3		9.6		
20.6																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
ft	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	13.0	22.0	8.0	15.0	11.2	16.3	14.4	17.3	11.4	20.0	18.0	14.0	2.5	8.1	10.2	10.4	7.0	10.7	11.0	11.0
5	12.0	16.0	7.6	14.6	9.8	17.5	18.2	19.5	11.3	20.0	18.0	12.0	11.4	7.5	11.0	11.1	7.0	10.4	10.0	9.6
10	12.0	17.0	8.0	13.7	11.0	17.1	11.9	18.6	11.1	23.0	18.0	13.0	12.7	7.8	9.7	11.7	7.8	9.9	10.0	8.6
12																				
15	12.0	17.0	7.3	13.3	10.8	18.0	13.3	15.7	12.7	17.0	19.0	12.0	10.4	7.6	11.1	9.5	7.5	8.8	10.0	9.2
16																				
17													12.3							
18																				
19										16.0		13.0							8.8	
19.2																				
20															10.1	10.2	7.5		9.6	9.2
21														7.6						
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09
Ft	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	9.9	11.0	11.0	11.8	22.5	24.0	10.0	7.0	12.5	10.5	14.3	7.2	8.7			8.6	10.4
5	9.6	10.0	11.8	14.1	21.0	20.0	11.0	6.7	12.0	11.0	15.3	7.3	9.3			8.9	9.6
6																	
10	11.0	10.0	11.0	14.2	21.0	20.0	10.0	7.3	12.0		15.1	7.6	9.0			7.5	
12																	
15	11.0	11.0	10.5	13.8	23.0	18.0	11.0	7.0	11.0	11.0	14.1	7.5	9.2			7.8	
16																	
17																	
18	11.0																
18.9																	
19						22.0											
20		10.0	9.8		21.0		11.0						8.7				
20.6																8.5	
21				15.4				6.8			14.2						
21.5												10.3					
22									11.0								

Lake Merced
South - Pump
Station

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09
Ft	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb	Turb
	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu	ntu
Surf	10.0	10.0	10.3	12.0	20.5	21.0	10.0	7.2	12.0	11.0	14.1	8.5	8.5			9.1	9.52
5	9.8	10.0	10.5	14.5	22.0	21.0	10.0	7.1	12.8	11.0	14.1	7.2	8.7			9.8	9.08
10	11.0	9.4	10.3	12.8	21.5	22.0	10.0	6.9	11.0	7.0	14.0	7.0	8.5			9.5	
12																	
15	11.0	9.1	11.5	11.8	21.0	17.0	11.0	6.7	11.0	9.5	14.2	7.2	9.0			10.3	
16																	
17																	
18						12.0											
19																	
19.2																	
20	11.0																
21		9.4		12.2	21.0					12.0	14.9		8.9				
22			11.4				11.0	6.8	10.0								
22.8																10.3	
23.2												7.2					

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	274	304	300	233	244		232		276	264	248	228	210	264	220	256	280	---	230	260
5	274	304	300	236	234		234		272	276	240	228	220	264	244	248	280	---	225	250
10	272	304	300	231	236		240		268	272	240	236	225	268	252	248	280	---	220	245
14									260	272				268			280			
15	272	304	300	240	242		236					236	220		244	248		---	235	245
16																				
17																				
17.4																				
17.5																				
18										240										
18.8																				
19																				
20																				
20.6																				

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	262		285	214	224		220		268	244	216	224	210	236	216	240	260	---	225	230
5	260		288	202	232		220		268	240	220	232	220	252	224	244	260	---	240	235
9																	264			
10	260		286	205	234		232		272	240		228	220	252	224	252		---	245	240
12																				
13										228										
13.8																				
14																				
14.1																				
15																				
15.8																				

Appendix K

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	235	232	235	225	210	235	255	260	204	264	220	255	204	200	220	220	240	248	232	230	225
5	240	240	240	230	220	260	270	265	204	264	224	255	200	200	252	225	244	244	232	235	235
10	250	248	250	240	230	270	275	270	204	264	224	250	200	205	248	230	252	240	234	235	230
14																					
15	255	252	260	240	230	270	275	270	204	266	226	250	204	205	244	235	248	240	236	235	225
16																235					
17										266			204				244				
17.4																					
17.5																					
18												250		210				244	236	230	225
18.8																					
19														216							
20																					
20.6																					

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	255	256	255	230	230	270	280	280	208	262	226	235	204	195	236	240	244	240	234	215	215
5	250	256	255	230	225	270	280	285	208	264	226	235	204	190	240	225	244	240	234	215	215
9																					
10	250	256	260	235	225	270	280	285	210	266	228	235	208	190	244	200	248	240	236	225	210
12																					
13										266		235	208		244	235	256	240	238		210
13.8																					
14														185						235	
14.1																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	210	194	195	240	228	224	230	250	248	244	208	220		
5	208	194	200	220	228	224	230	250	248	244	228	232		
10	206	194	200	205	232	224	225	248	244	244	208	240		
14														
15	204	195	205	225	228	212	225	248	244	248	208	240		
16														
17														
17.4														
17.5														
18					220				244					
18.8												240		
19	206	196	210	235		204	225	246		264				
20														
20.6											228			

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	180	196	200	215	228	220	235	248	256	252	212	244		
5	152	196	200	225	228	220	235	248	264	248	200	232		
9														
10	114	195	205	240	224	216	235	250	268	244	224	232		
12														
13					216							228		
13.8														
14	88		210	210					268					
14.1														
15		194				216	215	250		236				
15.8											220			

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	172	190	204	162	170		170	176	180	196	188	180	160	188	184	180	196	---	190	190
5	172	190	198		170		168	172	178	180	184	172	165	180	172	184	196	---	190	190
6				155																
10	172	190	198		170		166	168	180	204	184	176	160	184	188	184	200	---	195	195
12				158																
15	172	190	197		170		166	176	180	184				196	180	188	200	---	195	195
16	172	190																		
17																				
18				161								172	170							
19																				
20											172									
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	172	192	196	155	166		166	168	178	200	178	176	170	196	176	196	204	---	200	200
5	172	190	198	160	166		170	180	186	184	184	180	175	188	184	188	204	---	200	190
10	172	190	200		170		170	176	182	180	176	180	160	200	184	192	208	---	195	180
12				158																
15	172	190	196		170		170	172	182	200				200	180	176	208	---	190	180
16																				
17																				
18				157								168								
19													165							
20											176									
21																				
22																				
23.2																				

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	200	208	190	190	170	195	155	150	132	170	150	160	152	150	170	150	176	160	162	155	170
5	205	208	190	190	170	190	150	155	132	170	150	165	152	135	164	175	172	160	162	155	170
6																					
10	215	208	200	185	175	180	150	160	132	168	150	170	148	125	156	170	164	170	160	158	168
12																					
15	220	208	200	185	175	190	145	165	132	168	150	170	144	135	158	165	168	168	160	158	166
16																					
17												170	136								
18										166							172		160		163
19																					
20														155	158	150				164	
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	210	200	190	170	165	200	175	150	144	168	152	160	136	145	158	165	168	166	160	162	155
5	210	200	190	180	165	200	180	155	144	168	152	165	136	140	158	145	164	168	160	165	155
10	205	208	195	185	170	200	180	150	144	168	152	170	140	140	160	160	160	176	158	168	155
12																					
15	205	212	195	185	170	200	180	145	144	168	152	160	140	145	160	170	164	170	158	168	162
16																					
17													140								
18																					
19										168		155							160		
20															158	140	168		158	165	162
21														145							
22																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	146	148	170	170	156	168	160	178	180	184	168	160		
5	146	150	165	165	164	168	160	178	180	184	156	164		
6														
10	148	146	160	160	172	168	160	178		182	152	168		
12														
15	148	144	155	170	164	160	160	178	192	182	156	172		
16														
17														
18														
19					156									
20	154	142		175		156						184		
21			150				160			186				
21.5											172			
22								178						

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk	Alk
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	154	142	170	225	172	172	162	180	180	184	168	156		
5	152	140	145	210	160	168	162	180	180	184	160	172		
10	150	140	150	210	148	164	162	182	180	184	164	184		
12														
15	148	138	155	230	156	160	162	182	188	184	168	188		
16														
17														
18					164									
19														
20														
21	146		160	210					196	182		160		
22		142				152	162	182						
23.2											152			

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	272	290	277	231	240		240		266	280	256	248	270	252	232	260	276	---	245	250
5	272	290	280	227	244		240		276	272	252	244	260	256	252	264	280	---	260	250
10	272	290	280	229	244		246		270	260	248	244	245	268	260	272	284	---	250	255
14									260	256				268			284			
15	272	290	280	232	244		246					244	245		252	272		---	260	260
16																				
17																				
17.4																				
17.5																				
18										244										
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	268		272	218	235		228		240	252	220	244	255	240	236	272	280	---	260	260
5	268		273	214	245		250		256	280	232	236	245	260	240	272	284	---	250	260
9																	284			
10	268		273	212	255		252		274	280		240	265	256	244	272		---	250	265
12																				
13										228										
13.8																				
14																				
14.1																				
14.4																				
14.7																				
15																				
15.8																				

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	260	260	285	265	240	255	265	250	236	262	256	255	240	245	252	220	240	244	248	240	220
5	260	264	280	255	255	250	245	255	238	264	256	255	232	230	244	225	244	240	248	245	215
10	255	264	280	250	250	280	225	250	242	265	258	255	228	220	220	230	248	240	248	240	235
14																					
15	255	268	275	250	250	280	225	240	244	264	258	255	224	220	220	235	252	244	246	235	235
16																235					
17										262			224				260				
17.4																					
17.5																					
18												255		220				256	244	220	210
18.8																					
19															220						
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	280	276	280	260	255	255	240	265	246	262	266	260	236	250	256	260	248	276	250	240	235
5	275	276	260	245	255	270	240	275	246	264	266	260	236	245	252	245	252	260	250	245	235
9																					
10	270	280	265	245	255	280	245	280	248	267	266	265	236	235	230	275	264	248	250	235	220
12																					
13										264		270	236		224	275	256	254	250		215
13.8																					
14														220						215	
14.1																					
14.4																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	222	200	205	235	236	224	230	244	248	244	240	232	244	240	232	250	272	264
5	218	202	215	240	240	224	230	244	248	244	240	232	260	268	264	246	278	256
10	218	202	225	245	248	228	226	244	244	244	240	256	260	268	260	258	266	268
14																		
15	220	204	225	235	244	232	228	244	244	248	240	252		272	224	252	272	276
16																		
17																		
17.4													272					
17.5														280				
18					240				244									
18.8												244						284
19	220	204	220	230		236	232	244		264								
19.3																	276	
19.9																252		
20															228			
20.6											228							

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	218	206	215	230	236	236	235	246	246	248	220	260	252	256	232	256	274	264
5	220	206	220	235	236	236	235	246	246	240	232	264	260	208	228	250	270	256
9																		
10	222	206	230	240	232	232	235	244	246	244	236	260	256	272	224	256	272	256
12																		
13					228							232	256					
13.8																	274	
14	222		235	240					250									
14.1														252				
14.4																		
14.7															240			272
15		206				232	225	242		244						254		
15.8											244							

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	172	185	185	157	185		176	168	188	196	184	180	200	200	200	212	228	---	200	205
5	170	186	182		185		174	188	188	204	188	172	195	188	188	212	228	---	200	205
6				156																
10	170	186	182		195		180	192	190	200	192	176	180	192	192	216	224	---	200	210
12				163																
15	170	186	182		195		176	192	188	180				208	200	216	220	---	200	210
16	170	186																		
17																				
18				158								172	200							
18.2																				
18.5																				
18.9																				
19																				
20										188										
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	172	186	182	156	185		176	184	184	192	192	180	185	204	196	216	220	---	215	210
5	170	186	182	161	185		176	180	186	204	188	184	195	188	192	208	220	---	210	210
10	170	186	184		185		180	168	184	192	184	180	185	184	200	208	224	---	210	210
12				154																
15	170	186	178		190		182	184	188	180				200	188	204	224	---	210	205
16																				
17																				
18				157								180								
19													200							
19.2																				
20										176										
20.4																				
20.9																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Appendix K

Lake Merced
South - Pistol
Range

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	205	224	200	195	210	205	175	170	162	168	175	175	164	160	174	220	176	176	178	167	170
5	210	224	200	180	190	205	160	170	162	168	175	175	164	160	170	195	180	176	178	172	175
6																					
10	215	220	205	180	180	210	150	175	162	168	174	175	160	160	168	170	188	184	178	170	180
12																					
15	215	216	205	180	170	210	145	175	162	168	174	170	160	165	166	190	180	190	180	170	175
16																					
17													170	160							
18										168							172		180		165
18.2																					
18.5																					
18.9																					
19														175	164	210		188		172	
20																					
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	230	220	195	210	180	205	175	170	162	162	170	180	156	145	156	175	160	180	176	168	168
5	220	220	195	195	190	210	165	175	162	164	170	180	160	150	156	195	164	176	176	168	172
10	210	228	200	200	165	210	160	175	160	166	170	180	160	155	156	175	172	172	176	168	175
12																					
15	210	230	200	200	165	210	155	170	160	165	170	175	164	150	156	200	172	168	176	170	175
16																					
17													164								
18																					
19										164	170							196			
19.2																					
20															158	175	192		176	172	178
20.4																					
20.9																					
21														140							
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	165	160	165	175	192	180	180	188	188	194	168	164	208	220	196	200	220	220
5	166	160	175	170	184	172	180	188	188	194	168	184	208	212	196	202	220	208
6																		
10	168	160	185	170	176	168	178	188		194	168	200	208	200	196	204	214	216
12																		
15	168	160	190	175	180	176	178	186	188	194	188	192	192	200	200	204	218	220
16																		
17																		
18																		
18.2																		208
18.5														196				
18.9																	218	
19					184													
20	168	160		190		180						200						
20.1													200					
20.6															188			
20.8																200		
21			165				180			192								
21.5											200							
22								186										

Lake Merced
South - Pump
Station

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard	Hard
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	170	157	165	170	176	184	180	192	188	192	168	172	192	228	196	200	218	216
5	168	160	165	170	180	176	180	192	188	192	172	204	208		196	206	220	228
10	168	162	170	180	184	172	180	190	188	194	188	200	208	196	196	204	224	208
12																		
15	166	162	175	190	176	172	178	186	188	192	192	176	208	196	196	204	224	220
16																		
17																		
18					168													
19																		
19.2																	232	
20																		
20.4																		228
20.9														196				
21	162		170	180					188	190		200						
21.5																204		
22		162				168	178	184										
22.8															196			
23.2										180								

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	93	100	110	82	83	101	84		91	93	90	87	90	91	89	94	101	98	89	91
5	92	98	110	82	81	100	84		91	93	88	87	90	91	89	94	100	91	95	91
10	93	97	110	82	81	101	84		91	93	85	87	90	91	89	93	101	91	96	91
14									91	93				91			100			
15	94	97	100	82	81	100	84					87	90		89	93		92	96	91
16																				
17																				
17.4																				
17.5																				
18											85									
18.8																				
19																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	84		87	66	73	88	76		86	85	86	80	83	82	78	83	88	74	80	82
5	84		88	66	73	88	76		86	86	80	80	83	82	77	83	88	75	77	81
9																	87			
10	84		88	66	73	87	76		86	86		80	83	82	77	83		78	78	80
12																				
13																				
14											76									
14.1																				
15																				
15.8																				

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	
Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	95	96	100	86	83	94	102	103	87	87	87	98	93	83	85	91	91	89	89	78	
5	93	98	100	86	83	94	102	105	86	87	89	98	93	82	86	91	90	89	89	78	
10	93	100	100	87	83	94	102	105	86	89	90	98	92	82	87	90	89	90	88	78	
14																					
15	93	100	100	87	83	94	102	105	85	92	91	98	92	81	86	90	89	90	89	78	
16																90					
17										93			91				89				
17.4																					
17.5																					
18												98		80					90	90	78
18.8																					
19															86						
20																					
20.6																					

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	83	86	86	74	70	88	96	104	88	88	85	100	86	75	83	85	87	86	90	74
5	82	88	86	74	70	87	96	106	88	88	84	100	86	75	83	84	87	86	90	74
9																				
10	82	88	86	74	70	87	96	106	88	88	84	100	86	76	82	83	88	86	89	73
12																				
13										88		100	86		82	83	88	86	89	
14														76						72
14.1																				
15																				
15.8																				

Lake Merced
North

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	84	84	78	83	84	86	95	83	91	90	96	100	100		
5	84	84	78	83	85	86	95	84	91	90	96	100	100		
10	84	84	78	83	86	87	95	86	90	89	94	100	100		
14															
15	83	84	78	82	86	87	96	87	89	89	93	100	100		
16															
17															
17.4															
17.5															
18	83					87				90					
18.8													100		
19		84	78	82	86		96	88	89		92				
20															
20.6												100			

Lake Merced
North East

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	90	82	75	80	82	93	92	86	90	90	91	100	100		
5	88	82	75	80	82	93	94	87	90	89	91	100	100		
9															
10	88	80	76	80	82	93	95	87	88	89	90	98	100		
12															
13	86					93							100		
14		80		80	82					88					
14.1															
15			76				95	87	87		90				
15.8												98			

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Ft	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	61	63	70	58	59	83	65	64	69	71	75	70	71	74	74	78	83	75	83	80
5	61	63	69		58	83	65	64	69	71	75	69	71	74	73	78	83	76	82	80
6				58																
10	60	63	69		58	83	65	64	69	71	75	69	71	74	73	78	83	77	83	82
12				58																
15	61	63	69		58	83	65	64	69	71				73	73	78	83	78	82	82
16	60	63																		
17																				
18				58								69	71							
19																				
20											77									
21																				
21.5																				
22																				

Lake Merced
South -
Pump Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Ft	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	61	63	69	58	60	83	66	64	69	71	76	70	71	73	73	77	83	79	80	83
5	61	63	69	58	59	83	66	64	69	71	76	69	71	73	73	77	83	81	81	83
10	61	63	69		58	83	65	64	69	71	77	69	71	73	73	77	83	79	83	82
12				58																
15	61	63	69		58	83	66	64	69	71				73	73	77	83	80	82	82
16																				
17																				
18				58								69								
19													70							
20											72									
21																				
22																				
23.2																				

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	83	88	78	73	68	75	80	75	56	67	68	84	67	65	71	72	72	72	78	68
5	83	88	78	73	68	75	80	75	56	66	67	84	67	65	71	73	72	72	78	66
6																				
10	82	88	78	72	68	76	80	76	57	65	65	85	67	64	71	74	72	73	77	65
12																				
15	82	88	78	72	68	76	80	76	58	63	65	85	67	64	71	72	72	73	77	66
16																				
17												85	67							
18										62							72		76	
19																				69
20														64	71	71		72		
21																				
21.5																				
22																				

Lake Merced
South -
Pump Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	82	87	76	73	68	76	78	74	61	65	63	82	63	65	71	72	73	73	77	73
5	82	84	76	73	68	76	78	74	60	65	63	82	63	65	71	72	73	73	77	72
10	81	84	75	73	68	77	78	75	60	65	64	84	64	65	71	71	73	73	77	72
12																				
15	81	82	75	73	68	77	78	75	59	64	65	84	64	65	70	71	73	72	76	82
16																				
17													64							
18																				
19									64			85							72	
20															70	72	73		76	84
21														65						
22																				
23.2																				

Lake Merced
South - Pistol
Range

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	73	74	70	70	75	88	87	84	82	84	87	94	98		
5	73	74	70	70	75	88	88	84	82	84	87	94	97		
6															
10	73	74	70	71	75	88	88	83	82		88	94	96		
12															
15	73	74	70	71	75	90	88	83	81	83	88	94	98		
16															
17															
18	73														
19						90									
20		74	70		75		88						98		
21				71				82			88				
21.5												94			
22									81						

Lake Merced
South -
Pump Station

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl	Cl
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	74	74	70	71	75	90	89	83	81	83	86	93	98		
5	74	74	70	71	75	90	88	80	81	83	86	93	98		
10	73	74	70	72	74	90	88	76	81	83	86	94	96		
12															
15	73	74	72	72	74	90	88	76	80	83	86	94	98		
16															
17															
18						90									
19															
20	73														
21		74		72	74					83	86		98		
22			72				88	76	80						
23.2												94			

Appendix K

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.045	0.045	0.045	0.045	0.045	0.045	0.025		0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.05	0.005
5	0.045	0.045	0.045	0.045	0.045	0.045	0.025		0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.06	0.005
10	0.045	0.045	0.045	0.045	0.045	0.045	0.025		0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
14									0.025	0.025				0.005			0.005				
15	0.045	0.045	0.045	0.045	0.045	0.045	0.025					0.025	0.025		0.025	0.025		0.005	0.01	0.005	0.005
16																					
17																					
17.4																					
17.5																					
18											0.025										
18.8																					
19																					
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.045		0.16	0.045	0.045	0.045	0.025		0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
5	0.045		0.16	0.045	0.045	0.045	0.025		0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
9																	0.005				
10	0.045		0.16	0.045	0.045	0.045	0.025		0.025	0.025		0.025	0.025	0.005	0.025	0.025		0.005	0.01	0.005	0.005
11																					
12																					
13											0.025										
13.8																					
14																					
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06
Feet	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.34	0.02	0.005	1.42	1.10	0.86	0.32	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.11	0.005	0.005	0.005
5	0.005	1.06	0.02	0.005	1.48	1.10	0.90	0.50	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.42	0.005	0.005	0.005
10	0.005	0.48	0.005	0.005	1.54	1.20	0.90	0.66	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.24	0.005	0.02	0.005
14																						
15	0.005	0.46	0.005	0.005	1.48	1.20	0.78	0.48	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.14	0.005	0.09	0.005
16																						
17									0.005			0.005				0.005						
17.4																						
17.5																						
18											0.005		0.005					0.005	0.005	0.005	0.005	
18.8																						
19														0.005							0.13	0.005
19.3																						
19.9																						
20																						
20.6																						

Lake Merced
North East

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06
Feet	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	1.00	0.82	1.50	0.32	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.31	0.005	0.005	0.005
5	0.005	0.005	0.005	0.005	1.00	0.64	0.90	0.48	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.24	0.005	0.005	0.005
9																						
10	0.005	0.005	0.02	0.005	0.64	0.66	0.86	0.48	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
11																						
12																						
13									0.005		0.005	0.005		0.005	0.005	0.005	0.005	0.005		0.005		
13.8																						
14													0.005						0.48		0.005	
14.1																						
14.7																						
15																						0.005
15.8																						

Lake Merced
North

Depth	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ft	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.05	0.005	0.005	0.005	0.93	0.005	0.005	0.005	0.07
5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.03	0.005	0.005	0.005	1.10	0.005	0.005	0.005	0.08
10	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.05	0.005	0.005	0.005	0.96	0.005	0.005	0.005	0.07
14																
15	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.04	0.005	0.005		0.93	0.005	0.005	0.005	0.10
16																
17																
17.4											0.005					
17.5												0.96				
18			0.005				0.005									
18.8										0.005						0.12
19	0.005	0.005		0.005	0.005	0.005		0.04								
19.3															0.005	
19.9														0.005		
20													0.005			
20.6									0.005							

Lake Merced
North East

Depth	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ft	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L	NO ₃ -N mg/L
Surf	0.005	0.005	0.005	0.06	0.005	0.005	0.005	0.11	0.005	0.005	0.005	0.37	0.005	0.005	0.005	0.09
5	0.005	0.005	0.005	0.06	0.005	0.005	0.005	0.10	0.005	0.005	0.005	0.17	0.005	0.005	0.005	0.11
9																
10	0.005	0.005	0.005	0.05	0.005	0.005	0.005	0.12	0.005	0.005	0.02	0.63	0.005	0.005	0.005	0.12
11																
12																
13			0.005							0.005	0.01					
13.8															0.005	
14	0.005	0.005					0.005									
14.1												0.78				
14.7													0.005			0.12
15				0.05	0.005	0.005		0.10						0.005		
15.8									0.005							

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	
Depth	NO ₃ -N																					
ft	mg/L																					
Surf	0.045	0.045	0.045	0.045	0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
5	0.045	0.045	0.045		0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005	0.005
6				0.045																		
10	0.045	0.045	0.045		0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005	0.005
12				0.045																		
15	0.045	0.045	0.045		0.045	0.045	0.025	0.025	0.025	0.025				0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005	0.005
16	0.045	0.045																				
17																						
18				0.045								0.025	0.025									
18.2																						
18.5																						
18.9																						
19																						
20											0.025											
20.1																						
20.6																						
20.8																						
21																						
21.5																						
22																						

Lake Merced
South - Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Depth	NO ₃ -N																				
ft	mg/L																				
Surf	0.045	0.045	0.045	0.045	0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
5	0.045	0.045	0.045	0.045	0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.01	0.01	0.005	0.005
10	0.045	0.045	0.045		0.045	0.045	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
12				0.045																	
15	0.045	0.045	0.045		0.045	0.045	0.025	0.025	0.025	0.025				0.005	0.025	0.025	0.005	0.005	0.01	0.005	0.005
16																					
17																					
18				0.045								0.025									
19													0.025								
19.2																					
20												0.025									
20.4																					
20.9																					
21																					
21.5																					
22																					
22.8																					
23.2																					

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.04	0.02	0.005	0.05	0.54	0.14	0.05	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
5	0.005	0.06	0.005	0.005	0.20	0.55	0.15	0.09	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
6																							
10	0.005	0.04	0.01	0.005	0.35	0.52	0.08	0.11	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
12																							
15	0.005	0.23	0.005	0.005	0.40	0.49	0.07	0.32	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
16																							
17											0.005	0.005	0.005										
18										0.005							0.005	0.005		0.005			
18.2																							
18.5																							
18.9																							
19																			0.005				
20													0.005	0.005	0.005							0.005	0.005
20.1																							
20.6																							
20.8																							
21																							
21.5																							
22																							

Lake Merced
South - Pump
Station

Depth	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.01	0.02	0.005	0.005	0.49	0.03	0.23	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
5	0.005	0.005	0.01	0.005	0.62	0.48	0.35	0.11	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
10	0.005	0.005	0.005	0.005	0.44	0.46	0.05	0.31	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
12																							
15	0.005	0.01	0.005	0.005	0.40	0.45	0.10	0.50	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
16																							
17												0.005											
18																							
19									0.005	0.005										0.005			
19.2																							
20														0.005	0.005	0.005			0.005	0.005	0.005		
20.4																							
20.9																							
21													0.005										0.005
21.5																							
22																							0.005
22.8																							
23.2																							

Lake Merced
South - Pistol
Range

Depth	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.06	0.005	0.005	0.005	0.005
5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.06	0.005	0.005	0.005	0.005
6																
10	0.005	0.005	0.005	0.005	0.005	0.005		0.005	0.005	0.005	0.005	0.11	0.005	0.005	0.005	0.005
12																
15	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.08	0.21	0.005	0.005	0.005	0.005
16																
17																
18																
18.2																0.005
18.5												0.31				
18.9															0.005	
19			0.005													
20		0.005		0.005						0.005						
20.1											0.15					
20.6													0.005			
20.8														0.005		
21	0.005				0.01			0.005								
21.5									0.005							
22						0.005										

Lake Merced
South - Pump
Station

Depth	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N	NO ₃ -N
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.03	0.005	0.005	0.005	0.005
5	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.04	0.005	0.005	0.005	0.005
10	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.04	0.005	0.005	0.005	0.005
12																
15	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.06	0.005	0.005	0.005	0.005
16																
17																
18			0.005													
19																
19.2															0.005	
20																
20.4																0.005
20.9												0.14				
21	0.005	0.005					0.005	0.005		0.005						
21.5														0.005		
22				0.005	0.005	0.005										
22.8													0.005			
23.2									0.005							

Lake
Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf														5.30	2.13	0.90	4.26	1.70	---	2.6
5															9.64	0.25	0.95	1.50	---	2.9
10															4.09	0.50	1.68	1.20	---	3.0
14														3.40			2.35			
15															2.58	5.80		1.40	---	1.9
16																				
17																				
17.4																				
17.5																				
18																				
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake
Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf														9.40	5.66	0.25	2.35	1.00	---	1.9
5															3.42	0.25	1.56	1.60	---	1.6
9																	3.08			
10														6.60	3.70	1.10		1.40	---	1.8
11																				
12																				
13																				
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Lake
Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	
TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	23.0	10.0	2.2	1.5	8.0	4.1	11.30	5.7	10.2	6.4	6.3	4.1	4.7	5.2	1.13	7.90	1.85	3.50	6.6	NA	
5	21.3	7.3	2.2	1.5	4.4	2.8	9.50	5.3	8.3	3.5	5.9	1.3	6.3	4.4	0.98	5.70	2.27	2.97	3.5	NA	
10	9.0	7.8	2.4	1.6	2.9	2.0	5.50	4.4	8.1	9.1	11.4	0.6	6.9	3.8	0.84	3.80	2.07	4.48	4.5	NA	
14																					
15	11.0	12.2	2.9	1.8	1.5	1.9	4.30	2.9	7.4	7.6	6.8	3.2	7.8	3.3	0.47	5.50	2.13	4.48	2.5	NA	
16																3.00					
17									10.5				9.2				4.03				
17.4																					
17.5																					
18												1.1		2.4					5.88	2.8	NA
18.8																					
19															0.59						
19.3																					
19.9																					
20																					
20.6																					

Lake
Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	24.0	9.4	1.9	1.6	5.9	3.4	9.80	6.6	5.8	7.5	4.4	5.6	5.7	7.5	1.04	8.40	5.74	5.94	0.9	NA
5	10.2	6.2	2.0	1.6	4.2	2.3	3.20	5.2	1.5	18.0	13.3	3.4					3.72	7.00	6.0	NA
9																				
10	6.5	6.8	1.8	1.4	7.7	1.2	1.90	3.0	4.8	5.2	12.1	6.0	6.7	7.0	0.93	8.80	5.57	3.78	7.7	NA
11																				
12																				
13										6.3		3.5	9.9		0.71	5.3	2.80	4.59	2.8	
13.8																				
14														6.6						NA
14.1																				
14.7																				
15																				
15.8																				

Lake
Merced
North

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	3.42	1.13		1.82	3.96	4.60	2.53	1.74	2.33	2.70	2.2	0.78	2.49	2.9	4.0		3.22	3.95	1.26
5	1.51	1.15		1.86	2.86	2.62	2.65	1.81	2.73	1.50	2.1	0.93	2.69	2.8	2.6		3.16	3.95	1.32
10	2.52	0.99		1.92	4.56	2.81	2.72	1.68	2.35	1.50	2.6	0.52	2.27	2.7	2.9		2.72	6.92	2.49
14																			
15	3.36	0.99		1.85	3.19	5.94	2.62	1.27	2.41	2.20	1.8	0.56	2.18		2.3		2.91	7.48	2.58
16																			
17																			
17.4														2.1					
17.5															2.9				
18	4.54					2.42													
18.8													3.02						2.63
19		0.45		1.95	2.80		2.38	1.39	1.95		2.0								
19.3																			4.20
19.9																	2.74		
20																			
20.6												1.0							

Lake
Merced
North East

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	1.06	0.45		2.25	3.56	4.62	2.02	2.1	1.57	1.50	1.4	0.36	1.79	2.6	2.7		2.97	3.92	2.91
5		0.45		1.37	3.18	3.86	2.10	1.7	2.00	2.00	1.6	0.36	2.55	2.4	2.5		2.44	4.00	0.98
9																			
10	2.02	0.45		1.43	3.05	5.85	3.40	1.7	1.89	1.60	1.6	0.57	2.07	2.4	2.2		2.32	3.42	2.55
11																			
12																			
13	1.57					4.66							1.54	2.4					
13.8																			4.06
14		1.21		1.32	3.57					1.50									
14.1															2.7				
14.7																			2.94
15							2.21	1.2	1.99		1.5						2.27		
15.8												0.80							

Lake
Merced
South -
Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0														3.60	7.45	0.25	2.91	0.97	---	1.3
5															5.36	0.25	0.73	1.00	---	1.3
6																				
10															5.99	0.40	1.62	1.10	---	1.4
12																				
15															4.93	1.50	1.23	0.98	---	1.3
16														2.00						
17																				
18																				
18.2																				
18.9																				
19																				
20																				
20.1																				
20.8																				
21																				
21.5																				
22																				

Lake
Merced
South -
Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf														5.70	7.62		3.59	0.97		1.4
5															6.61	1.00	5.10	1.10		1.3
10															3.70	1.50	5.43	1.20		1.3
12																				
15															2.30	0.25	8.46	1.10		1.5
16																				
17														3.40						
18																				
19																				
19.2																				
20																				
20.4																				
21																				
21.5																				
22																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Lake
Merced
South -
Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	7.9	15.0	1.9	1.1	13.8	3.3	9.10	2.6	12.0	12.7	6.4	6.5	7.9	7.5	1.16	3.70	1.88	6.16	1.8	NA
5	10.5	5.5	2.0	1.3	9.9	9.0	6.00	1.5	7.2	8.8	5.4	5.3	6.0	5.1	0.91	5.10	4.20	3.92	2.3	NA
6																				
10	9.7	8.8	1.9	1.3	7.3	1.9	1.80	2.6	5.8	6.2	4.8	2.7	7.1	4.5	0.64	6.50	2.18	6.27	2.4	NA
12																				
15	5.8	6.2	2.0	1.3	1.9	0.4	1.10	0.9	4.4	4.0	4.0	2.1	8.0	3.9	0.49	5.60	2.30	4.20	2.3	NA
16																				
17																				
18										5.10		0.60	12.8							
18.2																	1.79		3.6	
18.9																				
19																				
20														2.6	0.30	3.20		5.82		NA
20.1																				
20.8																				
21																				
21.5																				
22																				

Lake
Merced
South -
Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN	TKN
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	8.7	10.9	1.8	1.1	9.4	3.3	5.80	1.7	8.5	11.7	7.3	4.2	5.6	5.5	1.05	5.10	2.52	3.71	2.7	NA
5	3.2	9.2	1.9	1.4	7.9	9.0	18.80	8.1	28.2	9.2	14.8	2.6	7.1	5.3	0.88	5.60	3.95	3.08	2.7	NA
10	10.9	9.9	1.8	1.2	5.2	1.9	8.50	3.2	11.8	18.6	6.5	2.3	7.7	4.5	0.69	8.40	2.55	2.41	1.4	NA
12																				
15	4.9	6.0	2.1	1.2	4.4	0.4	2.20	3.1	10.6	5.9	4.9	1.7	8.7	4.0	0.50	7.00	2.80	3.64	2.4	NA
16																				
17													9.7							
18																				
19										4.50		0.90							4.48	
19.2																				
20															0.29	6.60	3.30		9.7	NA
20.4																				
21														5.1						
21.5																				
22																				
23.2																				

Lake
Merced
South -
Pistol
Range

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Ft	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L
0	0.95	1.16		1.78	2.7	3.58	1.4	0.90	1.37	1.50	1.4	0.47	0.84	2.3	2.6		2.60	9.16	2.13
5	2.46	1.11		0.71	3.2	2.20	4.2	1.05	2.49	1.10	1.2	0.42	1.57	2.2	2.6		1.79	3.44	2.44
6																			
10	0.95	0.45		0.94	2.7	2.16	2.3	1.04	1.36	1.50	1.2	0.89	1.01	2.7	2.5		1.85	3.42	2.16
12																			
15		1.16		1.55	2.4	2.10	1.6	1.06	0.25	1.00	1.3	0.64	1.12	2.2	2.4		1.90	3.00	2.58
16																			
17																			
18	1.12																		
18.2																			2.41
18.9																		3.28	
19						2.16									2.3				
20		0.45			2.4		2.2							1.15					
20.1														2.1					
20.8																	1.85		
21				1.78				0.91			1.3								
21.5												0.45							
22									1.37										

Lake
Merced
South -
Pump
Station

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Ft	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L	TKN mg/L
Surf	1.18	0.45		0.95	3.58	3.6	2.28	0.94	1.22	1.10	1.5	0.81	1.12	2.6	2.0		3.11	3.42	2.32
5	1.34	1.23		1.72	2.30	3.4	2.50	1.09	1.60	1.20	1.1	0.33	0.95	2.7	2.5		2.10	3.81	2.10
10	1.09	0.45		2.27	3.43	2.3	2.67	1.06	1.56	1.30	1.4	0.76	1.04	2.4	2.6		1.88	3.81	2.02
12																			
15	2.52	0.92		2.14	2.90	2.3	4.21	1.16	1.40	1.20	1.2	0.82	2.21	2.2	2.4		1.88	3.08	2.49
16																			
17																			
18						2.0													
19																			
19.2																		3.00	
20	2.35																		
20.4																			2.16
21		0.45		1.37	5.33					1.60	1.3		1.51	1.9	2.3				
21.5																	1.90		
22							1.57	1.62	1.57										
23.2												0.17							

Appendix K

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02
Depth	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.05	0.05	0.05	0.03	0.02		0.11		0.04	0.05	0.03	0.025	0.025		0.05	0.05	0.05	0.12	0.06	0.06	0.11	0.04
5	0.05	0.05	0.05	0.02	0.05		0.14		0.01	0.05	0.03	0.025	0.025		0.04	0.07	0.03	0.09	0.06	0.08	0.07	0.06
10	0.05	0.05	0.05	0.02	0.03		0.17		0.07	0.05	0.03	0.025	0.025		0.04	0.05	0.09	0.10	0.03	0.03	0.06	0.05
14									0.02	0.05							0.05					
15	0.13	0.66	0.05	0.04	0.02		0.20					0.025	0.025		0.05	0.24		0.04	0.04	0.05	0.09	0.04
16																						
17																						
17.4																						
17.5																						
18											0.03											
18.8																						
19																						
19.3																						
19.9																						
20																						
20.6																						

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02
Depth	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.05		0.05	0.03	0.03		0.05		0.005	0.05	0.03	0.04	0.025		0.26	0.05	0.05	0.10	0.08	0.05	0.09	0.03
5	0.05		0.1	0.02	0.02		0.04		0.005	0.05	0.04	0.04	0.025		0.05	0.06	0.06	0.07	0.11	0.05	0.09	0.06
9																	0.05					
10	0.05		0.05	0.04	0.03		0.05		0.01	0.03		0.04	0.025		0.05	0.06		0.04	0.09	0.04	0.08	0.04
11																						
12																						
13											0.04											
13.8																						
14																						
14.1																						
14.7																						
15																						
15.8																						

Appendix K

Lake Merced
North

Depth	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	
FT	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	
Surf	0.10	0.08	0.31	0.13	0.09	0.11	0.01	0.12	0.03	0.03	0.09	0.09	0.09	0.09	0.005	0.03	0.04	0.06	0.05	0.03	0.005	0.03	0.04	0.07
5	0.11	0.13	0.35	0.53	0.15	0.12	0.01	0.05	0.06	0.02	0.07	0.04	0.10	0.04	0.03	0.05	0.06	0.04	0.09	0.01	0.04	0.04	0.04	0.02
10	0.10	0.06	0.31	0.18	0.21	0.06	0.01	0.04	0.11	0.05	0.06	0.06	0.08	0.005	0.02	0.05	0.08	0.05	0.09	0.02	0.05	0.05	0.05	0.02
14																								
15	0.10	0.07	0.36	0.12	0.16	0.10	0.01	0.08	0.10	0.02	0.02	0.04	0.11	0.005	0.01	0.05	0.11	0.02	0.07	0.02	0.05	0.08	0.03	0.02
16														0.04										
17								0.08			0.04				0.03									
17.4																								
17.5																								
18										0.06		0.03				0.03	0.09	0.03	0.04					
18.8																								
19														0.11							0.02	0.04	0.10	0.03
19.3																								
19.9																								
20																								
20.6																								

Lake Merced
North East

Depth	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	
FT	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	
0	0.05	0.03	0.22	0.08	0.19	0.10	0.005	0.03	0.03	0.03	0.03	0.04	0.11	0.01	0.01	0.02	0.05	0.06	0.02	0.03	0.15	0.07	0.13	
5	0.07	0.03	0.19	0.08	0.16	0.08	0.005	0.03	0.05	0.01	0.08	0.05	0.15	0.15	0.04	0.04	0.08	0.03	0.03	0.02	0.15	0.07	0.02	
9																								
10	0.06	0.07	0.29	0.12	0.09	0.09	0.005	0.28	0.03	0.02	0.06	0.03	0.10	0.06	0.04	0.05	0.07	0.03	0.06	0.03	0.13	0.06	0.12	
11																								
12																								
13								0.05		0.04	0.07		0.10	0.06	0.03	0.05	0.07		0.05					
13.8																								
14												0.02						0.01		0.02		0.02	0.10	
14.1																								
14.7																								
15																						0.15		
15.8																								

Lake Merced
North

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.03	0.21	0.02	0.03	0.05	0.07	0.06	0.05	0.06	0.58	0.17	0.06	0.05	0.25
5	0.10	0.25	0.02	0.04	0.05	0.06	0.03	0.10	0.08	0.60	0.04	0.05	0.04	0.30
10	0.09	0.18	0.005	0.02	0.05	0.06	0.05	0.11	0.09	0.64	0.07	0.05	0.02	0.27
14														
15	0.08	0.22	0.04	0.02	0.06	0.10	0.03	0.06		0.70	0.03	0.05	0.09	0.35
16														
17														
17.4									0.18					
17.5										0.78	0.78			
18	0.04			0.09	0.05									
18.8								0.11						0.37
19		0.22	0.04			0.10								
19.3													0.75	
19.9											0.04			
20											0.03			
20.6							0.03							

Lake Merced
North East

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.05	0.40	0.04	0.24	0.08	0.25	0.01	0.10	0.07	0.72	0.01	0.04	0.03	0.19
5	0.09	0.40	0.03	0.17	0.06	0.23	0.02	0.05	0.06	0.70	0.03	0.03	0.01	0.20
9														
10	0.09	0.42	0.03	0.03	0.09	0.24	0.10	0.05	0.21	0.76	0.13	0.04	0.02	0.23
11														
12														
13	0.05							0.03	0.25					
13.8													0.14	
14					0.04									
14.1										0.72				
14.7											0.02			0.22
15		0.37	0.03	0.05		0.29						0.03		
15.8							0.04							

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02
Depth	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.05	0.13	0.05	0.04	0.06		0.02	0.02	0.005	0.04	0.02	0.04	0.05		0.02	0.06	0.04	0.03	0.05	0.04	0.05	0.06
5	0.05	0.05	0.05		0.03		0.03	0.03	0.005	0.04	0.03	0.04	0.025		0.02	0.05	0.04	0.13	0.04	0.05	0.04	0.04
6				0.03																		
10	0.05	0.05	0.05		0.03		0.04	0.04	0.005	0.04	0.03	0.04	0.025		0.005	0.07	0.05	0.02	0.01	0.04	0.06	0.04
12				0.03																		
15	0.05	0.05	0.05		0.03		0.04	0.04	0.005	0.04					0.02	0.03	0.04	0.19	0.14	0.04	0.05	0.03
16	0.05	0.05																				
17																						
18				0.03							0.04	0.025										
18.2																						
18.9																						
19																						
20											0.04											
20.1																						
20.6																						
20.8																						
21																						
21.5																						
22																						

Lake Merced
South - Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02
Depth	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.05	0.05	0.05	0.03	0.03		0.005	0.005	0.01	0.05	0.03	0.01	0.025		0.03	0.11	0.05	0.05	0.06	0.03	0.03	0.04
5	0.05	0.05	0.05	0.03	0.04		0.04	0.04	0.02	0.07	0.03	0.07	0.025		0.03	0.05	0.05	0.12	0.05	0.04	0.09	0.03
10	0.05	0.12	0.05		0.04		0.01	0.01	0.02	0.05	0.03	0.06	0.025		0.06	0.03	0.04	0.04	0.05	0.11	0.05	0.04
12				0.07																		
15	0.05	0.05	0.05		0.03		0.01	0.01	0.01	0.04					0.03	0.03	0.05	0.12	0.04	0.04	0.04	0.03
16																						
17																						
18				0.07							0.005											
19												0.025										
19.2																						
20											0.04											
20.4																						
21																						
21.5																						
22																						
22.8																						
23.2																						

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	
	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.11	0.13	0.03	0.04	0.07	0.16	0.005	0.06	0.04	0.04	0.02	0.02	0.03	0.04	0.02	0.01	0.02	0.07	0.04	0.02	0.03	0.05	0.08	
5	0.06	0.03	0.16	0.07	0.11	0.04	0.005	0.08	0.03	0.01	0.05	0.04	0.09	0.06	0.04	0.04	0.02	0.09	0.04	0.02	0.03	0.04	0.10	
6																								
10	0.03	0.03	0.05	0.07	0.11	0.05	0.04	0.04	0.03	0.04	0.06	0.03	0.07	0.07	0.03	0.03	0.02	0.08	0.03	0.02	0.04	0.05	0.06	
12																								
15	0.18	0.02	0.15	0.07	0.06	0.21	0.005	0.07	0.05	0.04	0.03	0.02	0.06	0.06	0.02	0.05	0.02	0.10	0.04	0.02	0.04	0.07	0.12	
16																								
17										0.03	0.02													
18								0.04							0.02		0.02		0.04					
18.2																								
18.9																								
19																								
20												0.005	0.06	0.03		0.03		0.06		0.04	0.04		0.03	
20.1																								
20.6																								
20.8																								
21																						0.02		
21.5																								
22																								

Lake Merced
South - Pump
Station

Depth	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	
	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.07	0.02	0.04	0.07	0.05	0.07	0.32	0.04	0.04	0.02	0.04	0.05	0.03	0.05	0.005	0.02	0.01	0.07	0.02	0.06	0.04	0.06	0.06	
5	0.06	0.08	0.08	0.08	0.05	0.04	0.44	0.02	0.04	0.01	0.03	0.03	0.05	0.03	0.03	0.02	0.02	0.07	0.02	0.03	0.04	0.02	0.03	
10	0.65	0.03	0.11	0.12	0.07	0.04	0.34	0.07	0.03	0.05	0.02	0.03	0.06	0.005	0.005	0.03	0.02	0.06	0.02	0.03	0.03	0.07	0.04	
12																								
15	0.06	0.03	0.09	0.06	0.07	0.03	0.08	0.05	0.02	0.03	0.03	0.04	0.05	0.02	0.005	0.02	0.02	0.06	0.02	0.03	0.04	0.05	0.03	
16																								
17											0.02													
18																								
19							0.05		0.04							0.02								
19.2																								
20													0.05	0.01	0.01		0.04	0.06	0.03					
20.4																								
21												0.01								0.06		0.02	0.08	
21.5																								
22																					0.03			
22.8																								
23.2																								

Lake Merced
South - Pistol
Range

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.08	0.09	0.02	0.03	0.04	0.19	0.005	0.01	0.09	0.06	0.01	0.03	0.04	0.07
5	0.10	0.07	0.01	0.03	0.04	0.15	0.01	0.11	0.09	0.08	0.01	0.03	0.04	0.09
6														
10	0.10	0.07	0.02	0.03		0.01	0.005	0.04	0.07	0.06	0.01	0.02	0.05	0.06
12														
15	0.11	0.09	0.02	0.04	0.03	0.05	0.01	0.09	0.12	0.07	0.01	0.03	0.04	0.07
16														
17														
18														
18.2														0.04
18.9													0.04	
19	0.12									0.06				
20		0.09			0.03			0.02						
20.1									0.18					
20.6											0.005			
20.8												0.02		
21			0.02			0.01								
21.5							0.04							
22				0.03										

Lake Merced
South - Pump
Station

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N	NH ₃ -N
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.12	0.07	0.02	0.03	0.02	0.03	0.005	0.08	0.09	0.04	0.01	0.04	0.05	0.08
5	0.09	0.07	0.02	0.04	0.03	0.13	0.005	0.11	0.08	0.04	0.005	0.04	0.06	0.08
10	0.09	0.06	0.02	0.03	0.02	0.01	0.03	0.05	0.08	0.04	0.05	0.02	0.05	0.06
12														
15	0.32	0.07	0.08	0.12	0.03	0.19	0.03	0.10	0.10	0.06	0.07	0.03	0.04	0.06
16														
17														
18	0.47													
19														
19.2													0.04	
20														
20.4														0.03
21					0.05	0.04		0.06		0.04				
21.5												0.01		
22		0.08	0.09	0.06										
22.8											0.12			
23.2							0.04							

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	0.01	0.12	0.07	0.01	0.12	0.03	0.01		0.08	0.05	0.01	0.04	0.05	0.02	0.01	0.01	0.03	0.03	0.03	0.01	0.08
5	0.01	0.13	0.07	0.01	0.13	0.03	0.01		0.08	0.05	0.01	0.03	0.08	0.04	0.01	0.03	0.03	0.05	0.01	0.10	
10	0.01	0.14	0.09	0.01	0.12	0.03	0.01		0.08	0.06	0.01	0.04	0.05	0.03	0.03	0.04	0.03	0.04	0.01	0.07	
14									0.09	0.05				0.03			0.05				
15	0.01	0.23	0.07	0.03	0.17	0.05	0.01					0.06	0.05		0.01	0.13		0.04	0.01	0.10	
16																					
17																					
17.4																					
17.5																					
18										0.01											
18.8																					
19																					
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.01		0.06	0.01	0.19	0.01	0.03		0.06	0.05	0.01	0.09	0.08	0.03	0.01	0.03	0.005	0.05	0.01	0.06
5	0.01		0.05	0.01	0.17	0.04	0.04		0.06	0.05	0.01	0.09	0.08	0.03	0.01	0.05	0.04	0.04	0.01	0.06
9																	0.03			
10	0.01		0.05	0.01	0.18	0.03	0.04		0.06	0.05		0.09	0.07	0.02	0.01	0.07		0.03	0.01	0.08
11																				
12																				
13										0.01										
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.14	0.16	0.23	0.07	0.03	0.18	0.31	0.16	0.29	0.24	0.09	0.01	0.005	0.05	0.11	0.11	0.16	0.20	0.19	0.16	0.06
5	0.14	0.13	0.26	0.05	0.01	0.20	0.32	0.20	0.29	0.24	0.07	0.01	0.005	0.05	0.10	0.13	0.23	0.20	0.18	0.17	0.07
10	0.14	0.13	0.23	0.03	0.05	0.20	0.29	0.18	0.28	0.24	0.04	0.005	0.06	0.03	0.10	0.11	0.17	0.21	0.18	0.16	0.07
14																					
15	0.15	0.13	0.21	0.01	0.07	0.22	0.30	0.16	0.29	0.21	0.07	0.01	0.005	0.03	0.09	0.12	0.18	0.23	0.15	0.10	0.10
16																0.10					
17										0.25			0.005				0.20				
17.4																					
17.5																					
18												0.01		0.04				0.18	0.14	0.09	0.14
18.8																					
19															0.10						
19.3																					
19.9																					
20																					
20.6																					

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.14	0.13	0.18	0.05	0.03	0.19	0.33	0.18	0.23	0.12	0.14	0.05	0.03	0.04	0.10	0.16	0.15	0.14	0.10	0.05	0.12
5	0.13	0.10	0.18	0.04	0.03	0.19	0.32	0.18	0.28	0.20	0.18	0.03	0.02	0.03	0.35	0.16	0.18	0.14	0.09	0.06	0.09
9																					
10	0.15	0.10	0.18	0.02	0.03	0.21	0.35	0.16	0.21	0.16	0.22	0.08	0.05	0.03	0.13	0.15	0.15	0.14	0.10	0.04	0.08
11																					
12																					
13										0.20		0.05	0.02		0.21	0.14	0.13	0.16	0.08		0.04
13.8																					
14														0.10							0.03
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.08	0.11	0.26	0.12	0.28	0.15	0.08	0.13	0.13	0.11	0.06	0.16	0.20	0.39	0.18	0.26	0.30	0.19
5	0.18	0.12	0.30	0.13	0.28	0.13	0.08	0.13	0.16	0.10	0.06	0.24	0.26	0.40	0.18	0.26	0.30	0.22
10	0.16	0.12	0.28	0.18	0.31	0.15	0.07	0.14	0.14	0.14	0.18	0.24	0.25	0.36	0.17	0.28	0.30	0.27
14																		
15	0.19	0.14	0.28	0.18	0.34	0.15	0.09	0.16	0.15	0.12	0.09	0.26		0.31	0.16	0.26	0.36	0.21
16																		
17																		
17.4													0.29					
17.5														0.40				
18					0.30				0.21									
18.8												0.18						0.22
19	0.15	0.17	0.30	0.21		0.13	0.09	0.23		0.10								
19.3																		0.33
19.9																0.21		
20															0.13			
20.6											0.08							

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
Fi	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.09	0.21	0.23	0.19	0.26	0.16	0.09	0.13	0.11	0.11	0.02	0.13	0.20	0.36	0.04	0.26	0.31	0.24
5	0.09	0.20	0.24	0.20	0.25	0.14	0.09	0.13	0.13	0.10	0.04	0.17	0.20	0.30	0.06	0.22	0.32	0.23
9																		
10	0.07	0.19	0.24	0.19	0.25	0.15	0.07	0.16	0.14	0.09	0.06	0.20	0.30	0.33	0.05	0.18	0.30	0.23
11																		
12																		
13					0.25							0.16	0.32					
13.8																	0.32	
14	0.07		0.24	0.15					0.17									
14.1													0.26					
14.7														0.06				0.22
15		0.19				0.14	0.08	0.18		0.09						0.12		
15.8											0.01							

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	<i>0.01</i>	0.02	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.02	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.09
5	<i>0.01</i>	0.03	<i>0.01</i>		<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.02	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.06	
6				<i>0.01</i>																	
10	<i>0.01</i>	0.05	<i>0.01</i>		<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.04	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.09	
12				<i>0.01</i>																	
15	<i>0.01</i>	0.08	<i>0.01</i>		<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>				0.03	<i>0.01</i>	0.03	0.005	0.03	<i>0.01</i>	0.06	
16	<i>0.01</i>	0.08																			
17																					
18				<i>0.01</i>								<i>0.01</i>	<i>0.01</i>								
18.2																					
18.5																					
18.9																					
19																					
20											<i>0.01</i>										
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South -
Pump Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	
Ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	<i>0.01</i>	0.04	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.04	<i>0.01</i>	<i>0.01</i>	0.005	0.02	<i>0.01</i>	0.09
5	<i>0.01</i>	0.03	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.06	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.12	
10	<i>0.01</i>	0.05	<i>0.01</i>		<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	0.04	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.07	
12				<i>0.01</i>																	
15	<i>0.01</i>	0.08	<i>0.01</i>		<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>	<i>0.01</i>				0.03	<i>0.01</i>	<i>0.01</i>	0.005	0.03	<i>0.01</i>	0.10	
16																					
17																					
18				<i>0.01</i>								<i>0.01</i>									
19													<i>0.01</i>								
19.2																					
20											<i>0.01</i>										
20.4																					
20.9																					
21																					
21.5																					
22																					
22.8																					
23.2																					

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
Surf	0.08	0.09	0.15	0.11	0.10	0.04	0.15	0.10	0.12	0.06	0.08	0.11	0.03	0.10	0.11	0.07	0.13	0.10	0.09	0.11	0.07
5	0.11	0.09	0.13	0.06	0.06	0.11	0.15	0.12	0.12	0.05	0.10	0.08	0.03	0.09	0.08	0.09	0.11	0.10	0.07	0.11	0.05
6																					
10	0.10	0.06	0.18	0.01	0.03	0.10	0.12	0.10	0.13	0.07	0.09	0.11	0.02	0.09	0.08	0.12	0.10	0.09	0.04	0.13	0.04
12																					
15	0.12	0.06	0.21	0.01	0.03	0.10	0.16	0.11	0.15	0.07	0.05	0.06	0.02	0.10	0.11	0.10	0.12	0.07	0.05	0.10	0.03
16																					
17												0.08	0.01								
18										0.09							0.10		0.06		0.03
18.2																					
18.5																					
18.9																					
19																				0.11	
20														0.11	0.06	0.12		0.06			
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South -
Pump Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
Surf	0.11	0.10	0.17	0.02	0.07	0.06	0.13	0.09	0.13	0.09	0.13	0.02	0.04	0.07	0.12	0.12	0.08	0.02	0.08	0.10	0.03
5	0.11	0.08	0.18	0.01	0.02	0.13	0.14	0.10	0.13	0.04	0.10	0.03	0.02	0.11	0.11	0.14	0.09	0.05	0.06	0.09	0.06
10	0.12	0.10	0.15	0.02	0.01	0.10	0.09	0.09	0.14	0.06	0.09	0.14	0.03	0.10	0.11	0.11	0.09	0.05	0.04	0.11	0.06
12																					
15	0.08	0.09	0.20	0.01	0.01	0.08	0.13	0.14	0.14	0.14	0.11	0.05	0.04	0.12	0.09	0.13	0.14	0.04	0.05	0.10	0.06
16																					
17													0.05								
18																					
19										0.13		0.07						0.04			
19.2																					
20															0.11	0.12	0.07		0.02	0.08	0.07
20.4																					
20.9																					
21														0.10							
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.07	0.03	0.08	0.07	0.17	0.05	0.03	0.04	0.02	0.01	0.04	0.03	0.10	0.20	0.09	0.18	0.09	0.07
5	0.08	0.03	0.09	0.08	0.17	0.05	0.03	0.01	0.02	0.01	0.02	0.03	0.09	0.21	0.09	0.16	0.12	0.08
6																		
10	0.11	0.05	0.07	0.06	0.18	0.04	0.03	0.03		0.005	0.03	0.03	0.05	0.24	0.12	0.19	0.09	0.08
12																		
15	0.02	0.07	0.11	0.08	0.20	0.05	0.01	0.04	0.01	0.005	0.04	0.03	0.10	0.16	0.11	0.15	0.03	0.09
16																		
17																		
18																		
18.2																		0.13
18.5														0.16				
18.9																	0.16	
19					0.16													
20	0.08	0.05		0.08		0.02						0.04						
20.1													0.11					
20.6															0.12			
20.8																0.18		
21			0.10				0.02			0.01								
21.5											0.05							
22								0.07										

Lake Merced
South -
Pump Station

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P	Orth P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.02	0.03	0.07	0.06	0.20	0.01	0.005	0.06	0.04	0.005	0.005	0.04	0.08	0.19	0.08	0.13	0.10	0.07
5	0.01	0.04	0.09	0.08	0.18	0.03	0.01	0.04	0.04	0.04	0.005	0.05	0.08		0.08	0.17	0.11	0.05
10	0.005	0.06	0.09	0.07	0.20	0.05	0.005	0.05	0.04	0.005	0.01	0.04	0.09	0.23	0.07	0.14	0.12	0.06
12																		
15	0.06	0.11	0.10	0.08	0.16	0.01	0.005	0.07	0.04	0.005	0.01	0.07	0.10	0.17	0.07	0.16	0.16	0.06
16																		
17																		
18					0.16													
19																		
19.2																	0.210	
20																		
20.4																		0.05
20.9														0.18				
21	0.005		0.08	0.06					0.04	0.005		0.07						
21.5																0.20		
22		0.10				0.02	0.01	0.06										
22.8															0.08			
23.2											0.02							

Lake Merced
North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.09	0.30	0.005	0.09	0.21		0.17		0.28	0.32	0.17	0.29	0.29	0.26	0.20	0.50	0.31	0.18	0.16	0.20
5	0.11	0.31	0.01	0.08	0.22		0.17		0.26	0.31	0.17	0.29	0.30	0.26	0.22	0.40	0.32	0.18	0.18	0.22
10	0.11	0.33	0.005	0.10	0.22		0.16		0.32	0.29	0.14	0.29	0.29	0.26	0.22	0.39	0.34	0.19	0.17	0.20
14									0.31	0.32				0.25			0.35			
15	0.10	0.41	0.02	0.12	0.28		0.15					0.30	0.33		0.23	0.52		0.19	0.18	0.25
16																				
17																				
17.4																				
17.5																				
18											0.13									
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.06		0.005	0.07	0.19		0.19		0.22	0.27	0.22	0.30	0.32	0.25	0.25	0.34	0.36	0.16	0.10	0.19
5	0.07		0.005	0.08	0.19		0.19		0.24	0.27	0.24	0.29	0.30	0.27	0.24	0.41	0.30	0.18	0.16	0.19
9																	0.23			
10	0.07		0.005	0.08	0.23		0.20		0.23	0.30		0.32	0.44	0.20	0.24	0.45		0.13	0.17	0.19
11																				
12																				
13											0.15									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Appendix K

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Fl	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.28	0.23	0.26	0.13	0.10	0.29	0.33	0.19	0.31	0.28	0.21	0.03	0.05	0.05	0.21	0.14	0.20	0.23	0.24	0.17
5	0.28	0.25	0.27	0.12	0.14	0.31	0.32	0.22	0.29	0.31	0.21	0.03	0.04	0.05	0.15	0.13	0.26	0.23	0.25	0.18
10	0.29	0.25	0.27	0.15	0.14	0.32	0.33	0.21	0.33	0.28	0.20	0.02	0.13	0.03	0.20	0.19	0.22		0.28	0.24
14																				
15	0.27	0.22	0.26	0.15	0.10	0.36	0.41	0.21	0.32	0.28	0.18	0.07	0.12	0.05	0.12	0.18	0.21	0.29	0.30	0.22
16																0.23				
17										0.29			0.05				0.26			
17.4																				
17.5																				
18												0.07		0.07				0.24	0.30	0.19
18.8																				
19															0.13					
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Fl	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.23	0.19	0.21	0.14	0.10	0.24	0.36	0.21	0.26	0.20	0.24	0.09	0.07	0.09	0.48	0.28	0.20	0.26	0.15	0.24
5	0.18	0.23	0.20	0.13	0.11	0.35	0.34	0.22	0.28	0.20	0.24	0.09	0.07	0.08	0.41	0.21	0.18	0.23	0.21	0.21
9																				
10	0.22	0.27	0.20	0.13	0.14	0.34	0.38	0.19	0.22	0.20	0.26	0.11	0.08	0.11	0.20	0.24	0.18	0.29	0.15	0.16
11																				
12																				
13										0.21		0.09	0.02		0.24	0.24	0.15	0.27	0.16	
13.8																				
14														0.21						0.18
14.1																				
14.7																				
15																				
15.8																				

Lake Merced
North

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Fl	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.18	0.15	0.15	0.35	0.36	0.34	0.25	0.19	0.30	0.31	0.18	0.16	0.26	0.37	0.39	0.29	0.37	0.52	0.31
5	0.18	0.18	0.18	0.33	0.26	0.31	0.27	0.18	0.23	0.32	0.16	0.14	0.29	0.40	0.40	0.18	0.32	0.52	0.33
10	0.20	0.18	0.16	0.29	0.32	0.31	0.26	0.18	0.32	0.37	0.17	0.23	0.24	0.40	0.39	0.19	0.33	0.52	0.33
14																			
15	0.24	0.19	0.20	0.31	0.29	0.38	0.26	0.20	0.30	0.31	0.17	0.15	0.26		0.44	0.18	0.32	0.52	0.32
16																			
17																			
17.4														0.40					
17.5															0.40				
18	0.29					0.32				0.39									
18.8													0.24						0.30
19		0.16	0.26	0.30	0.29		0.25	0.19	0.29		0.15								
19.3																		0.50	
19.9																	0.29		
20																0.17			
20.6												0.16							

Lake Merced
North East

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Fl	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.19	0.23	0.23	0.27	0.24	0.27	0.25	0.19	0.34	0.31	0.12	0.14	0.22	0.34	0.36	0.14	0.30	0.46	0.29
5	0.21	0.12	0.22	0.26	0.27	0.27	0.25	0.19	0.26	0.32	0.11	0.12	0.25	0.35	0.33	0.14	0.27	0.46	0.29
9																			
10	0.20	0.12	0.20	0.24	0.30	0.25	0.27	0.17	0.35	0.33	0.12	0.13	0.31	0.37	0.35	0.16	0.21	0.48	0.32
11																			
12																			
13	0.14					0.30							0.25	0.39					
13.8																		0.52	
14		0.18		0.24	0.30					0.28									
14.1															0.34				
14.7																0.16			0.28
15			0.23				0.24	0.15	0.30		0.12						0.19		
15.8												0.11							

Lake Merced
South - Pistol
Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.08	0.25	0.03	0.05	0.08		0.07	0.18	0.16	0.25	0.19	0.18	0.20	0.13	0.14	0.22	0.19	0.10	0.11	0.15
5	0.07	0.22	0.03		0.10		0.07	0.18	0.18	0.28	0.16	0.17	0.19	0.15	0.14	0.24	0.15	0.15	0.11	0.09
6				0.06																
10	0.08	0.24	0.04		0.10		0.08	0.14	0.18	0.25	0.18	0.18	0.18	0.16	0.13	0.26	0.13	0.11	0.11	0.13
12				0.07																
15	0.08	0.28	0.03		0.07		0.08	0.11	0.16	0.21				0.17	0.13	0.28	0.18	0.27	0.11	0.10
16	0.08	0.28																		
17																				
18				0.08								0.18	0.18							
18.2																				
18.5																				
18.9																				
19																				
20											0.17									
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.08	0.25	0.02	0.05	0.07		0.07	0.17	0.17	0.18	0.20	0.18	0.16	0.16	0.13	0.24	0.19	0.13	0.11	0.11
5	0.07	0.01	0.02	0.05	0.13		0.08	0.18	0.17	0.16	0.19	0.18	0.18	0.19	0.13	0.24	0.19	0.12	0.10	0.12
10	0.06	0.24	0.04		0.09		0.07	0.15	0.14		0.18	0.18	0.18	0.16	0.14	0.25	0.19	0.09	0.12	0.12
12				0.05																
15	0.09	0.25	0.01		0.06		0.07	0.22	0.17					0.18	0.14	0.24	0.21	0.11	0.13	0.13
16																				
17																				
18				0.06								0.17								
19													0.18							
19.2																				
20											0.17									
20.4																				
20.9																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.13	0.15	0.18	0.13	0.10	0.18	0.18	0.10	0.18	0.17	0.21	0.11	0.27	0.10	0.21	0.16	0.16	0.18	0.09	0.18
5	0.13	0.18	0.18	0.11	0.07	0.13	0.16	0.14	0.20	0.14	0.24	0.14	0.07	0.11	0.20	0.17	0.15	0.23	0.14	0.17
6																				
10	0.13	0.15	0.21	0.11	0.07	0.11	0.13	0.15	0.20	0.18	0.20	0.13	0.18	0.14	0.22	0.18	0.14	0.20	0.08	0.16
12																				
15	0.13	0.15	0.25	0.12	0.07	0.19	0.16	0.16	0.18	0.17	0.16	0.13	0.13	0.13	0.22	0.17	0.23	0.21	0.14	0.15
16																				
17												0.17	0.37							
18										0.16							0.21		0.06	
18.2																				
18.5																				
18.9																				
19																				0.18
20														0.19	0.11	0.18		0.17		
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Ft	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.11	0.15	0.20	0.13	0.12	0.08	0.18	0.20	0.18	0.23	0.20	0.12	0.06	0.07	0.15	0.17	0.10	0.18	0.09	0.17
5	0.12	0.16	0.21	0.11	0.07	0.13	0.16	0.17	0.23	0.13	0.24	0.08	0.15	0.16	0.22	0.15	0.11		0.13	0.19
10	0.14	0.17	0.19	0.12	0.06	0.17	0.15	0.17	0.24	0.15	0.24	0.15	0.07	0.15	0.20	0.13	0.15	0.11	0.10	0.19
12																				
15	0.12	0.16	0.25	0.12	0.06	0.20	0.19	0.17	0.24	0.26	0.23	0.16	0.10	0.17	0.24	0.13	0.20	0.11	0.08	0.10
16																				
17													0.10							
18																				
19										0.19		0.11						0.10		
19.2																				
20															0.14	0.18	0.22		0.09	0.12
20.4																				
20.9																				
21														0.18						
21.5																				
22																				
22.8																				
23.2																				

Lake Merced
South - Pistol
Range

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Ft	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
0	0.16	0.07	0.17	0.18	0.19	0.20	0.15	0.08	0.09	0.10	0.12	0.10	0.09	0.19	0.27	0.14	0.21	0.21	0.12
5	0.16	0.10	0.18	0.19	0.19	0.23	0.14	0.09	0.16	0.11	0.10	0.11	0.10	0.15	0.25	0.15	0.19	0.25	0.12
6																			
10	0.13	0.21	0.09	0.10	0.19	0.21	0.12	0.06	0.12		0.09	0.08	0.11	0.19	0.30	0.17	0.19	0.32	0.11
12																			
15	0.13	0.15	0.18	0.14	0.16	0.24	0.13	0.07	0.15	0.10	0.08	0.08	0.08	0.15	0.17	0.17	0.21	0.30	0.11
16																			
17																			
18	0.15																		
18.2																			0.13
18.5															0.28				
18.9																		0.19	
19						0.16													
20		0.08	0.17		0.17		0.16						0.09						
20.1														0.17					
20.6																0.12			
20.8																	0.19		
21				0.13				0.09			0.10								
21.5												0.07							
22									0.17										

Lake Merced
South - Pump
Station

Depth	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Ft	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P	Tot P
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.13	0.14	0.20	0.21	0.23	0.22	0.17	0.13	0.14	0.13	0.08	0.05	0.09	0.21	0.24	0.09	0.21	0.40	0.15
5	0.13	0.10	0.12	0.16	0.24	0.18	0.23	0.09	0.16	0.15	0.15	0.06	0.08	0.16	0.08	0.18	0.28	0.16	
10	0.07	0.16	0.23	0.20	0.26	0.20	0.11	0.10	0.13	0.15	0.08	0.06	0.10	0.19	0.23	0.1	0.14	0.29	0.14
12																			
15	0.07	0.14	0.21	0.18	0.19	0.21	0.10	0.07	0.13	0.15	0.12	0.07	0.10	0.25	0.25	0.12	0.16	0.29	0.13
16																			
17																			
18						0.21													
19																			
19.2																		0.28	
20	0.08																		
20.4																			0.12
20.9															0.22				
21		0.06		0.19	0.15					0.12	0.07		0.12						
21.5																	0.20		
22			0.20				0.19	0.06	0.12										
22.8																0.11			
23.2												0.05							

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.10	0.10	0.05	0.11	0.05	0.09	0.05		0.05	0.10	0.13	0.11	0.12	0.12	0.13	0.13	0.09	0.10	0.05	
5	0.10	0.10	0.05	0.11	0.05	0.10	0.05		0.05	0.05	0.12	0.11	0.12	0.12	0.12	0.13	0.10	0.10	0.05	
10	0.10	0.10	0.05	0.11	0.05	0.08	0.05		0.05	0.05	0.12	0.11	0.12	0.12	0.13	0.12	0.08	0.10	0.05	
14									0.05	0.05				0.12			0.10			
15	0.10	0.10	0.05	0.11	0.05	0.10	0.05				0.11	0.12			0.12	0.12		0.10	0.05	
16																				
17																				
17.4																				
17.5																				
18										0.13										
18.8																				
19																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.10		0.05	0.05	0.05	0.08	0.05		0.05	0.05	0.12	0.10	0.11	0.12	0.05	0.05	0.08	0.10	0.05	
5	0.10		0.05	0.05	0.05	0.08	0.05		0.05	0.05	0.12	0.10	0.11	0.12	0.10	0.05	0.08	0.10	0.05	
9																	0.08			
10	0.05		0.05	0.05	0.05	0.08	0.05		0.05	0.05		0.10	0.10	0.12	0.05	0.05		0.10	0.05	
11																				
12																				
13										0.12										
14																				
14.1																				
15																				
15.8																				

Appendix K

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	0.25	0.16	0.16	0.02	0.04	0.14	0.30	0.24	0.32	0.27	0.25	0.18	0.38	0.21	0.36	0.42	0.26	0.23	0.30	0.31	0.15	
5	0.25	0.20	0.22	0.18	0.07	0.16	0.30	0.21	0.30	0.27	0.29	0.19	0.38	0.23	0.36	0.37	0.26	0.26	0.30	0.34	0.15	
10	0.12	0.20	0.17	0.17	0.12	0.15	0.35	0.27	0.30	0.27	0.32	0.53	0.38	0.23	0.39	0.42	0.27	0.24	0.31	0.31	0.16	
14																						
15	0.18	0.18	0.17	0.17	0.09	0.16	0.32	0.26	0.30	0.25	0.26	0.31	0.39	0.24	0.37	0.42	0.27	0.28	0.30	0.31	0.20	
16																0.37						
17										0.29			0.42				0.29					
17.4																						
17.5																						
18												0.18		0.24					0.26	0.30	0.30	0.19
18.8																						
19															0.43							
20																						
20.6																						

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.22	0.17	0.09	0.17	0.09	0.16	0.28	0.19	0.31	0.29	0.27	0.13	0.37	0.23	0.42	0.15	0.27	0.28	0.30	0.30	0.25
5	0.16	0.18	0.13	0.16	0.10	0.18	0.26	0.23	0.33	0.30	0.27	0.12	0.37	0.23	0.39	0.15	0.29	0.26	0.31	0.32	0.22
9																					
10	0.15	0.18	0.12	0.15	0.12	0.13	0.27	0.22	0.32	0.30	0.28	0.14	0.37	0.22	0.41	0.15	0.27	0.24	0.32	0.30	0.24
11																					
12																					
13										0.26		0.17	0.37		0.46	0.18	0.30	0.27	0.32		0.24
14														0.25							0.32
14.1																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.25	0.25	0.27	0.16	0.24	0.23	0.09	0.14	0.15	0.23	0.24	0.20		
5	0.29	0.22	0.30	0.17	0.25	0.23	0.11	0.17	0.14	0.23	0.23	0.19		
10	0.28	0.25	0.36	0.18	0.25	0.25	0.12	0.15	0.18	0.25	0.26	0.28		
14														
15	0.39	0.23	0.33	0.16	0.25	0.25	0.16	0.20	0.18	0.24	0.29	0.38		
16														
17														
17.4														
17.5														
18					0.28				0.18					
18.8												0.31		
19	0.28	0.25	0.32	0.17		0.24	0.18	0.20		0.26				
20														
20.6											0.25			

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.30	0.29	0.25	0.28	0.24	0.32	0.36	0.12	0.14	0.24	0.13	0.14		
5	0.33	0.27	0.24	0.28	0.27	0.32	0.32	0.16	0.14	0.27	0.14	0.23		
9														
10	0.33	0.27	0.30	0.27	0.21	0.32	0.28	0.15	0.16	0.25	0.19	0.30		
11														
12														
13					0.19							0.27		
14	0.36		0.30	0.28					0.16					
14.1														
15		0.28				0.32	0.38	0.18		0.22				
15.8											0.18			

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.40	0.40	0.40	0.36	0.3	0.27	0.28	0.33	0.33	0.33	0.30	0.38	0.30	0.31	0.26	0.29	0.27	0.30	0.23	NA
5	0.40	0.40	0.40		0.3	0.27	0.28	0.33	0.34	0.34	0.29	0.37	0.30	0.30	0.27	0.29	0.27	0.30	0.21	NA
6				0.36																
10	0.40	0.40	0.40		0.3	0.27	0.28	0.33	0.33	0.33	0.29	0.37	0.30	0.32	0.27	0.28	0.27	0.30	0.22	NA
12				0.36																
15	0.40	0.40	0.40		0.3	0.27	0.28	0.33	0.34	0.33				0.31	0.26	0.29	0.27	0.30	0.23	NA
16	0.40	0.40																		
17																				
18				0.36								0.37	0.30							
19																				
20											0.28									
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.40	0.40	0.40	0.36	0.3	0.26	0.28	0.33	0.33	0.33	0.29	0.39	0.30	0.31	0.28	0.28	0.26	0.30	0.22	mg/L
5	0.40	0.40	0.40	0.36	0.3	0.27	0.28	0.32	0.34	0.33	0.28	0.38	0.29	0.30	0.26	0.29	0.27	0.30	0.22	
10	0.40	0.40	0.40		0.3	0.27	0.28	0.33	0.34	0.33	0.29	0.38	0.29	0.30	0.26	0.30	0.27	0.30	0.22	
12				0.36																
15	0.40	0.40	0.40		0.3	0.27	0.29	0.32	0.33	0.33				0.31	0.26	0.29	0.27	0.30	0.23	
16																				
17																				
18				0.36								0.37								
19													0.30							
20											0.29									
21																				
22																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.47	0.32	0.27	0.51	0.39	0.23	0.52	0.47	0.54	0.55	0.50	0.66	0.46	0.47	0.57	0.40	0.36	0.47	0.52	0.51	0.42
5	0.45	0.33	0.31	0.44	0.37	0.25	0.53	0.47	0.55	0.45	0.52	0.66	0.47	0.47	0.54	0.40	0.37	0.47	0.53	0.48	0.40
6																					
10	0.36	0.32	0.28	0.46	0.37	0.27	0.55	0.47	0.53	0.46	0.52	0.59	0.46	0.47	0.57	0.42	0.37	0.48	0.55	0.46	0.42
12																					
15	0.37	0.32	0.35	0.47	0.34	0.29	0.52	0.50	0.53	0.46	0.52	0.57	0.46	0.46	0.56	0.47	0.39	0.47	0.55	0.52	0.41
16																					
17												0.58	0.52								
18										0.48							0.39		0.51		0.45
19																				0.47	
20														0.45	0.55	0.39		0.45			
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.27	0.36	0.33	0.49	0.36	0.25	0.55	0.47	0.53	0.46	0.52	0.35	0.46	0.46	0.68	0.41	0.39	0.51	0.41	0.37	0.48
5	0.27	0.34	0.32	0.48	0.35	0.28	0.55	0.49	0.54	0.48	0.52	0.35	0.47	0.47	0.60	0.40	0.40	0.48	0.43	0.34	0.50
10	0.37	0.34	0.35	0.48	0.37	0.25	0.54	0.49	0.53	0.46	0.50	0.37	0.48	0.50	0.60	0.40	0.43	0.49	0.43	0.37	0.50
12																					
15	0.36	0.33	0.35	0.49	0.35	0.30	0.57	0.47	0.51	0.48	0.49	0.35	0.50	0.49	0.62	0.37	0.41	0.48	0.43	0.38	0.51
16																					
17													0.43								
18																					
19										0.50		0.36						0.45			
20														0.61	0.38	0.41		0.45	0.38	0.49	
21														0.49							
22																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.39	0.44	0.31	0.32	0.38	0.34	0.39	0.35	0.45	0.41	0.25	0.34		
5	0.57	0.43	0.33	0.34	0.41	0.37	0.39	0.37	0.44	0.41	0.33	0.33		
6														
10	0.48	0.41	0.33	0.33	0.37	0.36	0.39	0.37		0.44	0.30	0.34		
12														
15	0.48	0.43	0.32	0.35	0.43	0.38	0.40	0.41	0.45	0.43	0.25	0.36		
16														
17														
18														
19					0.42									
20	0.40	0.42		0.32		0.39						0.34		
21			0.35				0.41			0.42				
21.5											0.26			
22								0.41						

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI	FI
FI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.36	0.43	0.32	0.32	0.42	0.38	0.46	0.46	0.44	0.44	0.28	0.35		
5	0.43	0.44	0.33	0.34	0.43	0.40	0.46	0.42	0.47	0.45	0.27	0.38		
10	0.40	0.47	0.30	0.33	0.42	0.39	0.45	0.41	0.47	0.48	0.33	0.37		
12														
15	0.39	0.45	0.36	0.35	0.42	0.41	0.45	0.39	0.46	0.46	0.27	0.36		
16														
17														
18					0.48									
19														
20														
21	0.51		0.38	0.32					0.45	0.44		0.36		
22		0.44				0.38	0.44	0.39						
23.2											0.27			

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	9.5	9.1	10.2	7.7	9.7		7.7		9.6	8.7	7.3	8.7	8.2	20.8	6.9	7.9	12.1	5.8	7.9	7.5
5	9.8	9.3	15.4	8.2	9.7		8.0		9.9	13.2	7.2	9.9	8.1	17.1	6.9	7.4	12.8	5.9	8.3	6.8
10	9.2	9.2	12.3	8.4	9.4		8.2		9.6	8.8	7.3	9.2	8.3	23.9	7.1	7.8	14.5	5.9	9.1	6.7
14									9.5	7.4				24.4			12.8			
15	9.0	9.3	15.1	8.0	9.7		8.2					8.9	8.0		6.9	7.3		5.8	8.5	6.1
16																				
17																				
17.4																				
17.5																				
18											7.2									
18.8																				
19																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	7.9		7.0	6.6	8.4		7.4		7.9	15.6	6.6	8.2	7.1	19.6	6.1	9.6	5.0	4.4	7.0	5.3
5	7.7		7.9	6.7	8.2		7.3		8.5	4.8	6.7	8.0	9.3	35.6	6.7	8.6	5.0	4.5	7.6	5.5
9																	5.0			
10	7.3		7.3	6.8	8.3		7.7		8.1	61.1		9.3	7.4	19.9	6.5	7.7		4.5	6.5	5.4
11																				
12																				
13										6.4										
14																				
14.1																				
15																				
15.8																				

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	7.6	9.2	8.7	7.6	7.6	6.4	6.9	6.6	7.1	8.7	7.3	7.9	10.8	19.5	12.5	8.1	9.6	9.0	7.1	
5	7.5	8.5	8.4	7.6	7.2	6.4	6.8	6.5	7.3	8.1	7.6	8.2	10.5	20.1	12.4	7.8	8.7	8.6	7.2	
10	7.5	8.6	10.4	7.5	7.6	6.2	7.0	6.8	7.2	8.5	7.7	8.9	10.9	19.8	12.8	7.6	8.5	8.7	7.4	
14																				
15	7.3		9.7	7.5	7.7	6.2	6.6	7.0	7.7	8.4	7.8	9.1	11.2	20.2	13.3	8.0	8.3	8.6	7.4	
16																				
17										9.2			6.8				7.5			
17.4																				
17.5																				
18												8.5						7.8	7.2	
18.8																				
19														12.3						
20																				
20.6																				

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	6.6	7.9	7.6	6.6	7.4	5.6	6.2	6.1	7.6	7.8	6.2	7.6	12.1	20.0	17.2	8.7	9.5	9.4	8.4	
5	6.2	7.4	7.1	6.2	6.5	5.7	6.6	6.1	7.3	7.6	6.1	6.9	10.8	19.0	16.2	8.2	8.4	8.5	6.8	
9																				
10	6.5		6.9	6.1	6.8		6.4	6.2	9.1	8.6		7.0	6.0		15.0	8.3	7.5	6.8		
11																				
12																				
13										8.7		7.5	6.5		13.5	7.3	7.4	7.4		
14																				
14.1																				
15																				
15.8																				

Lake Merced
North

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	7.1	6.3	7.9	8.12	12.8	9.2	8.4	9.2	13.0	10.2	10.0	10.3	12.4		
5	7.4	6.6	7.8	9.40	10.6	8.5	7.5	9.3	10.9	10.9	10.0	10.1	12.4		
10	6.9	6.7	7.3	8.07	13.6	8.6	7.9	9.1	13.7	11.0	10.8	10.3	11.6		
14															
15	6.9	6.8	7.6	7.82	13.1	8.7	8.0	9.1	16.2	10.9	9.2	10.4	13.4		
16															
17															
17.4															
17.5															
18	7.4					9.8				13.7					
18.8													11.2		
19		6.7	7.7	8.07	10.3		8.2	8.6	12.3		10.7				
20															
20.6												9.7			

Lake Merced
North East

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	8.4	6.7	8.0	8.45	11.7	14.6	8.9	10.4	12.0	11.1	9.3	8.6	13.4		
5	7.8	6.2	7.5	9.28	14.0	10.7	7.7	8.2	10.8	12.2	7.3	10.0	11.6		
9															
10	6.7	6.3	7.8	5.80	9.9	9.7	7.6	8.6	9.9	11.7	8.2	9.9	9.9		
11															
12															
13	7.0					8.7							10.9		
14		6.4		8.25	10.0					10.7					
14.1															
15			7.8				8.2	8.7	9.6		8.2				
15.8												11.4			

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	6.2	15.4	8.2	5.9	6.7		5.6	7.1	7.5	9.6	5.8	7.5	6.6	16.3	5.1	7.6	10.2	5.0	6.4	5.9
5	6.5	12.7	7.5		6.8		5.9	6.5	7.5	8.9	6.0	7.3	6.6	27.0	5.9	7.0	5.0	5.4	6.9	6.3
6				7.1																
10	6.5	13.8	10.3		6.4		5.8	6.6	7.1	9.5	6.0	8.0	6.7	20.6	5.4	6.3	5.0	4.9	7.1	6.0
12				5.6																
15	6.4	10.0	8.3		6.5		7.0	6.5	9.2	9.7				15.4	5.9	5.3	5.0	4.7	6.5	
16	7.3																			
17																				
18				6.6								8.1	7.2							
19																				
20											6.3									
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	9.0	12.3	9.5	5.4	6.7		6.0	6.6	7.4	11.7	6.2	6.9	6.7	15.2	5.3	6.5	5.0	5.0	7.1	5.5
5	6.3	14.1	7.2	6.5	6.8		6.1	6.6	7.1	12.5	6.3	7.5	7.2	15.5	5.6	5.9	5.0	5.0	6.8	5.7
10	6.1	9.3	7.0		6.4		5.8	6.6	7.6	14.1	6.3	7.3	6.8	11.2	5.6	5.4	10.1	4.8	6.3	5.6
12				5.5																
15	6.3	9.8	9.5		6.5		6.4	6.4	7.6	10.8				16.4	5.6	5.8	5.0	4.7	6.1	5.7
16																				
17																				
18				6.2								6.6								
19													7.3							
20											6.2									
21																				
22																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	6.1	7.2	6.9	5.5	5.7	5.0	4.6	5.2	4.7	5.7	5.1	5.5	6.8	14.5	8.6	5.3	5.8	5.6	4.4	
5	6.3	7.1	7.2	5.6	5.7	5.1	4.8	4.7	4.7	5.7	4.8	5.2	7.2	18.0	10.4	5.0	5.7	5.3	4.4	
6																				
10	6.0	7.3	7.0	5.8	5.0	4.9	4.8	4.6	5.2	5.9	4.8	4.9	6.6	15.1	9.2	5.0	5.3	5.3	4.4	
12																				
15		6.8	7.2	5.4			4.8		4.6				7.2	13.4	8.7	5.4	5.4	5.8	4.2	
16																				
17												6.2	4.6							
18										6.1							5.4		4.0	
19																				
20																5.4		5.4		
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	5.6	7.3	7.1	5.5	4.6	4.8	4.2	4.6		5.5	5.9	5.0	6.2	10.8		6.0	5.7	4.9	4.3	
5	6.1	7.0	7.2	5.6	5.5	4.8	4.7	4.6	4.7	5.9	5.8	5.0	6.8	14.5		5.1	5.1	6.9	4.3	
10	6.0	7.1	3.5	5.5	4.8	4.3	5.3	4.5	4.5	5.6	5.6	5.6	6.1	13.7		5.8	5.2	5.5	4.4	
12																				
15	5.6	7.1	3.4	5.5	4.7	4.4	4.7	4.6	4.5	5.4	5.3	6.3	6.6	12.2		5.5	5.2	5.2	4.3	
16																				
17													4.4							
18																	5.2			
19										7.0		6.2						5.8		
20																			4.3	
21																				
22																				
23.2																				

Lake Merced
South - Pistol
Range

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	5.1	4.8	4.7	7.93	12.3	7.2	5.9	6.2	9.9	8.1	9.5	8.3	9.25		
5	2.5	4.4	5.0	6.98	8.9	6.9	5.3	6.1	8.1	7.8	10.0	7.0	8.98		
6															
10	2.5	4.2	5.2	8.22	8.8	6.8	7.2	6.1	18.6	7.0	9.0	8.9	9.16		
12															
15	2.5	4.3	4.8	7.21	10.2	6.0	5.4	6.0	13.9	7.1	9.3	8.6	8.89		
16															
17															
18	4.9														
19						5.9									
20		5.1	5.3		7.6		5.6						9.14		
21				6.33				7.9		7.7	9.5				
21.5												8.7			
22									8.0						

Lake Merced
South - Pump
Station

	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
Fl	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	2.5	4.2	4.7	8.38	8.6	7.3	7.3	7.1	10.0	10.6	8.0	9.3	8.56		
5	2.5	4.4	5.0	5.99	9.7	6.7	6.4	6.4	11.0	7.8	9.3	9.2	7.56		
10	2.5	4.3	5.2	6.59	11.0	6.3	5.4	6.4	7.4	8.4	8.2	7.1	8.56		
12															
15	5.3	4.5	4.8	6.01	9.6	5.9	5.4	6.4	7.6	7.5	8.6	9.1	8.94		
16															
17															
18						5.9									
19															
20	4.9														
21		4.7		6.68	7.6					7.6	7.9		7.37		
22			5.8				5.2	6.2	9.4						
23.2												7.5			

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.02		0.03	0.03	0.04	0.03	0.06	0.07	0.09	0.005	0.005	0.05	0.005	0.005
5																				
10							0.04		0.05	0.04		0.03	0.07	0.08	0.07	0.005	0.005	0.06	0.005	0.005
14																				
15																				
16																				
17																				
17.4																				
17.5																				
18											0.08									
18.8																				
19																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.04		0.05	0.05	0.06	0.05	0.07	0.10	0.08	0.005	0.005	0.04	0.005	0.005
5																				
9																	0.005			
10							0.08		0.07	0.07		0.48	0.09	0.10	0.10	0.005		0.05	0.01	0.005
11																				
12																				
13											0.17									
14																				
14.1																				
15																				
15.8																				

Appendix K

Lake Merced
North

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.06	0.03	0.17	0.04	0.02	0.16	0.005	0.05	0.05	0.005	0.005	0.04	0.30
5																					
10	0.005	0.005	0.02		0.005	0.005	0.005	0.005	0.06				0.15	0.18		0.02	0.08	0.005			
14																					
15				0.005							0.25										
16																					
17										0.06											
17.4																					
17.5																					
18												0.13							0.005	0.005	0.10
18.8																					
19															0.005						
20																					
20.6																					

Lake Merced
North East

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.005	0.19	0.04	0.07	0.03	0.005	0.03	0.07	0.005	0.03	0.04	0.10
5																					
9																					
10	0.005	0.01	0.005	0.01	0.005	0.005	0.005	0.005	0.01		0.20		0.04	0.08		0.02	0.14	0.07			
11																					
12																					
13										0.02		0.07			0.005				0.02		0.20
14																				0.04	
14.1																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.02	0.005	0.10	0.005	0.005	0.005	0.005	0.005	0.02	0.07	0.04	0.02		
5														
10														
14														
15														
16														
17														
17.4														
17.5														
18					0.005				0.04					
18.8												0.08		
19	0.02	0.005	0.04	0.005		0.005	0.03	0.005		0.09				
20														
20.6											0.07			

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.02	0.005	0.03	0.01	0.05	0.07	0.05	0.005	0.03	0.13	0.11	0.05		
5														
9														
10														
11														
12														
13					0.005							0.04		
14	0.04		0.03	0.02					0.03					
14.1														
15		0.005				0.05	0.04	0.005		0.19				
15.8											0.09			

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.02	0.01	0.05	0.05	0.05	0.01	0.05	0.07	0.06	0.005	0.005	0.02	0.005	0.005
5																				
6																				
10							0.03	0.02	0.14	0.05		0.02	0.08	0.08	0.08	0.005	0.005	0.04	0.005	0.02
12																				
15																				
16																				
17																				
18																				
19																				
20											0.14									
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.02	0.01	0.02	0.14	0.07	0.02	0.05	0.07	0.07	0.005	0.005	0.01	0.005	0.005
5																				
10							0.03	0.01	0.04	0.07		0.02	0.05	0.09	0.07	0.11	0.005	0.08	0.005	0.005
12																				
15																				
16																				
17																				
18																				
19																				
20											0.06									
21																				
22																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.005	0.01	0.03
5																					
6																					
10	0.005	0.005	0.005		0.005	0.005	0.005	0.005	0.005				0.005	0.03		0.01	0.07	0.005			
12																					
15				0.02							0.005										
16																					
17												0.01									
18										0.005									0.005		0.07
19																					
20															0.005					0.01	
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.01	0.05	0.005	0.005	0.005	0.005
5																					
10	0.005	0.005	0.005		0.005	0.005	0.005	0.005	0.005				0.01	0.06		0.005	0.04	0.005			
12																					
15				0.005							0.005										
16																					
17																					
18																					
19										0.005		0.01									
20															0.005				0.005	0.005	0.07
21																					
22																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.01	0.005	0.03	0.005	0.005	0.04	0.02	0.005	0.01	0.02	0.03	0.005		
5														
6														
10														
12														
15														
16														
17														
18														
19					0.005									
20	0.005	0.005		0.01		0.05						0.01		
21			0.05				0.005		0.01	0.03				
21.5											0.03			
22								0.005						

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Fe	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.005	0.005	0.11	0.01	0.08	0.05	0.01	0.005	0.01	0.04	0.05	0.06		
5														
10														
12														
15														
16														
17														
18					0.005									
19														
20														
21	0.005		0.11	0.02					0.01	0.06		0.03		
22						0.07	0.04	0.005						
23.2											0.04			

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Ft	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.07		0.15	0.10	0.25	0.20	0.13	0.10	0.05	0.13	0.14	0.08	0.09	0.10
5																				
10							0.07		0.17	0.10		0.19	0.13	0.11	0.06	0.13	0.13	0.08	0.12	0.10
14																				
15																				
16																				
17																				
17.4																				
17.5																				
17.8																				
18											0.33									
18.8																				
19																				
19.3																				
19.9																				
20																				
20.6																				

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Ft	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.10		0.13	0.11	0.24	0.26	0.16	0.09	0.05	0.11	0.14	0.07	0.09	0.10
5																				
9																	0.26			
10							0.11		0.13	0.12		0.33	0.16	0.10	0.06	0.18		0.07	0.10	0.12
11																				
12																				
13											0.19									
13.8																				
14																				
14.1																				
14.7																				
15																				
15.8																				

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	0.11	0.005	0.11	0.05	0.08	0.09	0.22	0.08	0.23	0.18	0.17	0.04	0.04	0.03	0.06	0.18	0.07	0.16	0.08	0.07	0.05	
5																						
10	0.11	0.005	0.12		0.09	0.12	0.21	0.08	0.24				0.04	0.03		0.17	0.12	0.17				
14																						
15				0.05																		
16																						
17										0.21												
17.4																						
17.5																						
17.8																						
18													0.08							0.09	0.07	0.05
18.8																						
19															0.57							
19.3																						
19.9																						
20																						
20.6																						

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.13	0.18	0.11	0.08	0.15	0.15	0.17	0.12	0.14	0.16	0.12	0.05	0.07	0.12	0.11	0.21	0.11	0.15	0.07	0.13	0.08
5																					
9																					
10	0.14	0.20	0.09	0.08	0.17	0.27	0.19	0.11	0.17		0.12		0.06	0.09		0.21	0.17	0.10			
11																					
12																					
13										0.20		0.07			0.28				0.08		0.09
13.8																					
14																					0.16
14.1																					
14.7																					
15																					
15.8																					

Lake Merced
North

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ft	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.04	0.07	0.17	0.20	0.29	0.08	0.22	0.13	0.06	0.07	0.14	0.07	0.09	0.145	0.02	0.13	0.085	0.07
5																		
10																		
14																		
15																		
16																		
17																		
17.4													0.39					
17.5																		
17.8														0.171				
18					0.36				0.34									
18.8												0.06						0.09
19	0.05	0.25	0.28	0.21		0.08	0.31	0.49		0.07								
19.3																		
19.9																0.18		
20														0.1				
20.6											0.005							

Lake Merced
North East

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
ft	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf	0.09	0.23	0.14	0.18	0.23	0.11	0.16	0.15	0.07	0.09	0.005	0.10	0.10	0.130	0.1	0.07	0.09	
5																		
9																		
10																		
11																		
12																		
13					0.18							0.12						
13.8																		
14	0.11		0.15	0.20					0.12									
14.1														0.138				
14.7															0.09			0.07
15		0.24				0.12	0.19	0.25		0.09						0.1		
15.8											0.005							

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.03	0.05	0.11	0.05	0.12	0.10	0.11	0.06	0.02	0.03	0.04	0.04	0.03	0.04
5																				
6																				
10							0.04	0.05	0.13	0.07		0.13	0.12	0.06	0.02	0.03	0.04	0.05	0.03	0.04
12																				
15																				
16																				
17																				
18																				
18.2																				
18.5																				
18.9																				
19																				
20											0.11									
20.1																				
20.6																				
20.8																				
21																				
21.5																				
22																				

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
ft	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Surf							0.03	0.05	0.11	0.08	0.13	0.09	0.10	0.06	0.02	0.03	0.04	0.04	0.03	0.04
5																				
10							0.03	0.05	0.11	0.09		0.10	0.10	0.06	0.02	0.04	0.05	0.05	0.03	0.04
12																				
15																				
16																				
17																				
18																				
19																				
19.2																				
20											0.13									
20.4																				
20.9																				
21																				
21.5																				
22																				
22.8																				
23.2																				

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
South - Pistol
Range

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
Surf	0.05	0.14	0.10	0.05	0.04	0.06	0.12	0.04	0.04	0.03	0.07	0.02	0.03	0.02	0.03	0.08	0.03	0.04	0.04	0.04	0.04
5																					
6																					
10	0.05	0.08	0.10		0.03	0.05	0.12	0.04	0.04				0.02	0.01		0.08	0.07	0.04			
12																					
15				0.05							0.07										
16																					
17												0.03									
18										0.05									0.04		0.04
18.2																					
18.5																					
18.9																					
19																					0.04
20															0.14						
20.1																					
20.6																					
20.8																					
21																					
21.5																					
22																					

Lake Merced
South - Pump
Station

Depth	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
Surf	0.04	0.07	0.07	0.05	0.03	0.05	0.11	0.04	0.03	0.03	0.07	0.02	0.03	0.02	0.04	0.08	0.03	0.04	0.04	0.03	0.03
5																					
10	0.04	0.08	0.08		0.04	0.06	0.12	0.04	0.03				0.03	0.02		0.08	0.06	0.04			
12																					
15				0.05							0.08										
16																					
17																					
18																					
19										0.06		0.03									
19.2																					
20															0.18				0.04	0.03	0.03
20.4																					
20.9																					
21																					
21.5																					
22																					
22.8																					
23.2																					

Lake Merced
South - Pistol
Range

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09	
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	
Unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	0.04	0.04	0.07	0.17	0.10	0.04	0.05	0.05	0.02	0.02	0.31	0.02	0.07	0.034	0.01	0.11	0.054	0.03	
5																			
6																			
10																			
12																			
15																			
16																			
17																			
18																			
18.2																			
18.5														0.061					0.03
18.9																			
19					0.11														
20	0.03	0.04		0.19		0.04							0.01						
20.1														0.15					
20.6															0.01				
20.8																0.04			
21			0.10				0.04		0.03	0.02									
21.5											0.02								
22								0.06											

Lake Merced
South - Pump
Station

Depth	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09	
Depth	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	
Unit	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Surf	0.03	0.03	0.07	0.18	0.13	0.04	0.03	0.06	0.01	0.02	0.03	0.03	0.08	0.046	0.01	0.03	0.051	0.03	
5																			
10																			
12																			
15																			
16																			
17																			
18					0.30														
19																			
19.2																			
20																			
20.4																			0.03
20.9														0.040					
21	0.03		0.09	0.20					0.02	0.02		0.04	0.14						
21.5																0.06			
22						0.04	0.05	0.05											
22.8															0.05				
23.2											0.02								

Lake Merced
North

Depth Ft	15-May-97 MTBE ug/L	10-Sep-97 MTBE ug/L	3-Dec-97 MTBE ug/L	16-Mar-98 MTBE ug/L	8-Jul-98 MTBE ug/L	23-Sep-98 MTBE ug/L	17-Mar-99 MTBE ug/L	21-Jun-99 MTBE ug/L	15-Sep-99 MTBE ug/L	8-Dec-99 MTBE ug/L	21-Mar-00 MTBE ug/L	21-Jun-00 MTBE ug/L	9-Aug-00 MTBE ug/L	19-Dec-00 MTBE ug/L	7-Mar-01 MTBE ug/L	20-Jun-01 MTBE ug/L	1-Oct-01 MTBE ug/L	18-Dec-01 MTBE ug/L	5-Mar-02 MTBE ug/L	30-Apr-02 MTBE ug/L
Surf	0.6	0.25	0.25	0.25	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	2.1	0.025	0.25	0.25
5	0.7	0.25	0.25																	
10	0.25	0.25	0.25	0.25	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	1.9	0.025	0.25	0.25
14																				
15	0.25	0.25	0.25																	
16																				

Lake Merced
North East

Depth Ft	15-May-97 MTBE ug/L	10-Sep-97 MTBE ug/L	3-Dec-97 MTBE ug/L	16-Mar-98 MTBE ug/L	8-Jul-98 MTBE ug/L	23-Sep-98 MTBE ug/L	17-Mar-99 MTBE ug/L	21-Jun-99 MTBE ug/L	15-Sep-99 MTBE ug/L	8-Dec-99 MTBE ug/L	21-Mar-00 MTBE ug/L	21-Jun-00 MTBE ug/L	9-Aug-00 MTBE ug/L	19-Dec-00 MTBE ug/L	7-Mar-01 MTBE ug/L	20-Jun-01 MTBE ug/L	1-Oct-01 MTBE ug/L	18-Dec-01 MTBE ug/L	5-Mar-02 MTBE ug/L	30-Apr-02 MTBE ug/L	
Surf	0.25		0.25	0.25	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.60	0.25	0.25	0.025	0.25	0.25
5	0.25		0.25																		
9																		0.25			
10	0.25		0.25	0.25	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25		0.025	0.25	0.25
15																					
16																					

Lake Merced
South - Pistol
Range

Depth Ft	15-May-97 MTBE ug/L	10-Sep-97 MTBE ug/L	3-Dec-97 MTBE ug/L	16-Mar-98 MTBE ug/L	8-Jul-98 MTBE ug/L	23-Sep-98 MTBE ug/L	17-Mar-99 MTBE ug/L	21-Jun-99 MTBE ug/L	15-Sep-99 MTBE ug/L	8-Dec-99 MTBE ug/L	21-Mar-00 MTBE ug/L	21-Jun-00 MTBE ug/L	9-Aug-00 MTBE ug/L	19-Dec-00 MTBE ug/L	7-Mar-01 MTBE ug/L	20-Jun-01 MTBE ug/L	1-Oct-01 MTBE ug/L	18-Dec-01 MTBE ug/L	5-Mar-02 MTBE ug/L	30-Apr-02 MTBE ug/L	
Surf	0.7	0.25	0.6	1.9	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.70	0.25	0.25	0.025	0.9	0.25
5	0.8	0.25	0.6																		
6																					
10	0.7	0.25	0.6	2.0	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.70	0.25	0.25	0.025	0.8	0.25
15	0.9	0.25	0.6																		
16	0.8	0.25																			

Lake Merced
South -
Pump Station

Depth Ft	15-May-97 MTBE ug/L	10-Sep-97 MTBE ug/L	3-Dec-97 MTBE ug/L	16-Mar-98 MTBE ug/L	8-Jul-98 MTBE ug/L	23-Sep-98 MTBE ug/L	17-Mar-99 MTBE ug/L	21-Jun-99 MTBE ug/L	15-Sep-99 MTBE ug/L	8-Dec-99 MTBE ug/L	21-Mar-00 MTBE ug/L	21-Jun-00 MTBE ug/L	9-Aug-00 MTBE ug/L	19-Dec-00 MTBE ug/L	7-Mar-01 MTBE ug/L	20-Jun-01 MTBE ug/L	1-Oct-01 MTBE ug/L	18-Dec-01 MTBE ug/L	5-Mar-02 MTBE ug/L	30-Apr-02 MTBE ug/L	
Surf	0.7	0.25	0.5	1.9	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.68	0.25	0.25	0.025	0.8	0.25
5	0.7	0.25	0.6																		
10	0.7	0.25	0.6	1.9	0.25				0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.68	0.25	0.25	0.025	0.8	0.25
15	0.8	0.25	0.6																		

Note: Bold, italicized formats indicate half the reported value for statistical purposes.

Appendix K

Lake Merced
North

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
5																					
10	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25													
14																					
15																					
16									0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25

Lake Merced
North East

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
5																					
9																					
10	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
15																					
16																					

Lake Merced
South - Pistol
Range

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
5																					
6																					
10	0.25	0.25	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
15																					
16																					

Lake Merced
South -
Pump Station

	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.025	0.25	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
5										0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
10	0.25	0.025	0.25	0.5	0.25	0.25	0.25	0.25													
15																					

Lake Merced
North

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
5													
10											0.25		
14													
15										0.25			
16	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25				

Lake Merced
North East

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	27-Dec-07	28-Mar-08	10-Jun-08		
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
5													
9													
10	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
15													
16													

Lake Merced
South - Pistol
Range

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	27-Dec-07	28-Mar-08	10-Jun-08		
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
5													
6													
10	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
15													
16													

Lake Merced
South -
Pump Station

	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	27-Dec-07	28-Mar-08	10-Jun-08		
Depth Ft	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L	MTBE ug/L
Surf	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25		
5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25				
10										0.25	0.25		
15													

Lake Merced
North

Bacteriological Data (MPN)	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Total Coliform														
E. Coli														

Lake Merced
North East

Bacteriological Data (MPN)	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Total Coliform														
E. Coli														

Lake Merced
South - Pistol
Range

Bacteriological Data (MPN)	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Total Coliform														
E. Coli														

Lake Merced
South - Pump
Station

Bacteriological Data (MPN)	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Total Coliform														
E. Coli														

Lake Merced
North

Bacteriological Data (MPN)	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04
Total Coliform				1109	1986	1300		1120	437	1120	756	2419	1733	>2419
E. Coli				34	14	17		62	63	13	6	9	22	19

Lake Merced
North East

Bacteriological Data (MPN)	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04
Total Coliform				2419	>2419	>2419		1203	2419	2419	2419	2419	2419	>2419
E. Coli				13	36	11		25	11	7	7	10	15	12

Lake Merced
South - Pistol
Range

Bacteriological Data (MPN)	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04
Total Coliform				1203	1046	1120		649	436	344	770	2419	1986	197
E. Coli				15	14	6		336	22	15	26	48	53	4

Lake Merced
South - Pump
Station

Bacteriological Data (MPN)	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04
Total Coliform				1414	1120	1046		488	365	153	1203	2419	727	309
E. Coli				23	37	35		82	32	3	15	39	65	7

Lake Merced
North

Bacteriological Data (MPN)	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06
Total Coliform	7	11,000	>2419	>2419	124	354	1414	>2419	629	2419	579	691	179	2419	1986	510	>2420	>2420
E. Coli	135	200	35	2	33	25	26	5	4	20	18	8	21	17	46	7	5	20

Lake Merced
North East

Bacteriological Data (MPN)	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06
Total Coliform	>2419	8,130	2419	1120	2419	1046	1986	>2419	437	1986	>2419	>2419	>2419	914	2419	689	>2420	>2420
E. Coli	52	100	8	20	5	50	<1	5	1	13	38	1	10	2	34	3	5	5

Lake Merced
South - Pistol
Range

Bacteriological Data (MPN)	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06
Total Coliform	649	2690.0	2419	920	530.0	249.0	N/A	358	722	1733	755	501.0	921.0	1733.0	>2419	687.0	513	816
E. Coli	33	100.0	81	4	10.0	30.0	N/A	20	84	99	28	7.0	17.0	15.0	5.0	33.0	3	13

Lake Merced
South - Pump
Station

Bacteriological Data (MPN)	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06
Total Coliform	479	2260.0	1986	1986	420.0	299.0	109	110	687	1300	1300	436.0	816.0	1733.0	549.0	378.0	1300	687
E. Coli	23	100.0	99	2	20.0	10.0	16	12	37	78	56	13.0	29.0	13.0	11.0	41.0	18	59

Lake Merced
North

Bacteriological Data (MPN)	29-Mar-07	26-Jun-07	20-Aug-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Total Coliform	1553	96	>2419	437	272	516	>2420	534	961	1046	>2420
E. Coli	16	4	285	28	3	35	20	59	17	4	22

Lake Merced
North East

Bacteriological Data (MPN)	29-Mar-07	26-Jun-07	20-Aug-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Total Coliform	>2420	361	>2419	>2420	1986	2420	>2420	2420	>2420	579	1120
E. Coli	6	3	5	9	6	1	108	16	7	5	4

Lake Merced
South - Pistol
Range

Bacteriological Data (MPN)	29-Mar-07	26-Jun-07	20-Aug-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Total Coliform	1300.0	286	756	>2420	830	>2420	1120	727	530	517	961
E. Coli	47.0	5	34	91	11	33.0	37.0	27.0	11	15	10

Lake Merced
South - Pump
Station

Bacteriological Data (MPN)	29-Mar-07	26-Jun-07	20-Aug-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Total Coliform	1120.0	284	866	2420	1414		914	411	173	260	>2420
E. Coli	93.0	12	10	81	7		75	24	4	7	17

Lake Merced North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft.	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.							1,769		3,258	938	1,749	6,995	2,492	1,414	1,183	3,250	5,293	2,191	1209	4523	6,231
5																					
10							2,312		3,131	2,003	1,166	5,997	2,332	1,863	1,206	2,647	5,427	1,863	663	3853	5,963

Lake Merced North East

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft.	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.							2,834		4,085	1,126	1,983	2,117	1,956	1,956	2,013	3,082	3,953	2,827	1089	2198	3,853
5																					
10							2,908		3,333	1,172	1,869	2,090	2,660	1,863	1,997	2,580	3,886	1,668	1283	2198	3,035

Lake Merced South - Pistol Range

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft.	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.							1,360	2,054	3,852	1,045	1,467	2,405	2,144	972	600	1,179	2,278	1,206	472	1266	~1600*
5																					
10							1,347	2,032	3,493	1,065	1,320	2,486	2,050	817	553	1,132	2,345	1,407	429	1240	N/A

Lake Merced South - Pump Station

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft.	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.							1,253	2,016	6,705	1,253	1,769	3,719	2,144	737	700	1,199	2,613	1,655	442	1374	1,554
5																					
10							1,474	2,118	5,233	1,079	1,621	2,573	1,923	864	683	1,085	2,546	1,206	402	1280	1,467

Appendix K

Lake
Merced
North

	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	1,943	3260	1219	6,834	4,389	4,221	2435	650	2117	4288	851	1146	1099	1293	4858	5461	2385	2874	2198	3,317	9,514
5																					
10	2,312	2358	1441	6,499	4,556	3,551	2147	637	1923	4523	1698	1501	1025	1407	5327	3987	2720	2171	3229	3,219	5,561

Lake
Merced
North East

	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	1,997	2422	1528	3,082	2,399	5,729	2569	1,374	1816	2714	1491	2332	3417	1179	2982	3719	2412	1876	4255	2,389	2,352
5																					
10	1,910	2152	1635	3,618	2,204	3,886	2335	1,585	1695	2613	1521	2372	3243	1347	3819	3276	2955	1970	3920	2,750	4,757

Lake
Merced
South -
Pistol
Range

	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	2,472	1,826	750	2,144	2,278	2,915	1,782	1,183	N/A	1534	1695	985	1360.1	1635	2258	4824.0	2559	1467	1186	1,350	7,973
5																					
10	2,184	1,836	858	1,702	1,977	3,109	1,394	1,116	2358	2030	992	911	1206.0	1970	1956	4924.5	2486	1387	1367	1,273	2,178

Lake
Merced
South -
Pump
Station

	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	2,513	2,191	757	2,037	2,064	3,109	1,374	1,226	2841	1923	995	1072	1139.0	1829	1809	4422.0	2640	1387	1079	1,554	2,131
5																					
10	2,298	2,334	750	2,037	2,023	2,325	1,732	1,484	2486	1461	905	992	1058.6	2231	2137	4891.0	2613	1367	1427	1,065	2,037

Lake
Merced
North

	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	4167	2117		4248	3162	1080	3377	4074	2137
5					3109	1072	3292	3404	2131
10	4308	2171		4020					

Lake
Merced
North East

	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	2466	2265		3886	2061	1166	2442	3176	3618
5					1560	1110	2602	2908	3430
10	2312	2760		3417					

Lake
Merced
South -
Pistol
Range

	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	2586.2	929	1376.9	1420	2117	777	1276	2533	1414
5					2262	683	1265	2452	1160
10	3430.4	1063	1450.6	1313					

Lake
Merced
South -
Pump
Station

	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Depth	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass	Algal Biomass
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	3001.6	990	1363.5	1487	2841	683	1260	2131	1809
5					3832	563	1284	1997	1487
10	3229.4	1142	1373.5	1394					

Appendix K

Lake Merced
North

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Chlorophyll a							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
Surf.							26.4		48.6	14.0	26.1	104.4	37.2	21.1	17.7
5															
10							34.5		46.7	29.9	17.4	89.5	34.8	27.8	18.0

Lake Merced
North East

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Chlorophyll a							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
Surf.							42.3		61.0	16.8	29.6	31.6	29.2	29.2	30.1
5															
10							43.4		49.8	17.5	27.9	31.2	39.7	27.8	29.8

Lake Merced
South - Pistol
Range

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Chlorophyll a							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.							20.3	30.7	57.5	15.6	21.9	35.9	32.0	14.5	9.0
5															
10							20.1	30.3	52.1	15.9	19.7	37.1	30.6	12.2	8.3

Lake Merced
South - Pump
Station

Depth	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01
Chlorophyll a							µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
Surf.							18.7	30.1	100.1	18.7	26.4	55.5	32.0	11.0	10.5
5															
10							22.0	31.6	78.1	16.1	24.2	38.4	28.7	12.9	10.2

Appendix K

Lake Merced
North

Depth	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	mg/L	mg/L	ppb	ppb	mg/L	ppb	mg/L	µg/L	ppb	µg/L	ppb	µg/L	µg/L	µg/L
Surf.	48.5	79.0	32.7	18.1	67.5	93.0	29.0	48.7	18.2	102.0	65.5	63.0	36.4	9.7	31.6
5															
10	39.5	81.0	27.8	9.9	57.5	89.0	34.5	35.2	21.5	97.0	68.0	53.0	32.1	9.5	28.7

Lake Merced
North East

Depth	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	mg/L	mg/L	ppb	ppb	mg/L	ppb	mg/L	µg/L	ppb	µg/L	ppb	µg/L	µg/L	µg/L
Surf.	46.0	59.0	42.2	16.3	32.8	57.5	29.8	36.2	22.8	46.0	35.8	85.5	38.4	20.5	27.1
5															
10	38.5	58.0	24.9	19.2	32.8	45.3	28.5	32.1	24.4	54.0	32.9	58.0	34.9	23.7	25.3

Lake Merced
South - Pistol
Range

Depth	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	mg/L	mg/L	ppb	ppb	mg/L	ppb	mg/L	µg/L	ppb	µg/L	ppb	µg/L	µg/L	µg/L
Surf.	17.6	34.0	18.0	7.1	18.9	~24*	36.9	27.3	11.2	32.0	34.0	43.5	26.6	17.7	N/A
5															
10	16.9	35.0	21.0	6.4	18.5	N/A	32.6	27.4	12.8	25.4	29.5	46.4	20.8	16.7	35.2

Lake Merced
South - Pump
Station

Depth	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	mg/L	mg/L	ppb	ppb	mg/L	ppb	mg/L	µg/L	ppb	µg/L	ppb	µg/L	µg/L	µg/L
Surf.	17.9	39.0	24.7	6.6	20.5	23.2	37.5	32.7	11.3	30.4	30.8	46.4	20.5	18.3	42.4
5															
10	16.2	38.0	18.0	6.0	19.1	21.9	34.3	34.8	11.2	30.4	30.2	34.7	25.9	22.2	37.1

Lake Merced
North

Depth	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	64.0	12.7	9.9	3.3	17.7	41.1	36.6	7.7	24.2	45.4	17.1	16.4	19.3	72.5	81.5
5															
10	67.5	25.4	10.6	3.6	14.6	39.7	28.2	7.2	26.6	42.0	22.4	15.3	21.0	79.5	59.5

Lake Merced
North East

Depth	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	40.5	22.3	16.0	27.8	26.7	51.0	27.7	6.4	31.2	77.5	34.8	51.0	17.6	44.5	55.5
5															
10	39.0	22.7	15.8	22.1	24.1	46.4	34.1	7.4	31.1	42.8	35.4	48.4	20.1	57.0	48.9

Lake Merced
South - Pistol
Range

Depth	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	22.9	25.3	7.6	12.8	30.3	21.8	23.7	5.4	19.7	29.4	14.7	20.3	24.4	33.7	72.0
5															
10	30.3	14.8	7.0	13.0	32.1	21.6	23.3	4.8	21.4	32.2	13.6	18.0	29.4	29.2	73.5

Lake Merced
South - Pump
Station

Depth	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05	29-Dec-05	23-Jan-06	01-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	28.7	14.9	7.0	13.7	27.1	19.5	27.0	4.7	26.7	30.2	16.0	17.0	27.3	27.0	66.0
5															
10	21.8	13.5	7.0	14.5	27.7	23.5	26.0	4.8	19.9	34.5	14.8	15.8	33.3	31.9	73.0

Lake Merced
North

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	35.6	42.9	32.8	49.5	142.0	62.2	31.6		63.4	47.2	16.1	50.4	60.8	31.9
5										46.4	16.00	49.1	50.8	31.8
10	40.6	32.4	48.2	48.1	83.0	64.3	32.4		60.0					

Lake Merced
North East

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	36.0	28.0	63.5	35.7	35.1	36.8	33.8		58.0	30.8	17.4	36.4	47.4	54.0
5										23.3	16.6	38.8	43.4	51.2
10	44.1	29.4	58.5	41.1	71.0	34.5	41.2		51.0					

Lake Merced
South - Pistol
Range

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	38.2	21.9	17.7	20.2	119.0	38.6	13.9	20.6	21.2	31.6	11.6	19.0	37.8	21.1
5										33.8	10.2	18.9	36.6	17.3
10	37.1	20.7	20.4	19.0	32.5	51.2	15.9	21.7	19.6					

Lake Merced
South - Pump
Station

Depth	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a	Chlorophyll a
Ft	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Surf.	39.4	20.7	16.1	23.2	31.8	44.8	14.8	20.4	22.2	42.4	10.2	18.8	31.8	27.0
5										57.2	8.4	19.2	29.8	22.2
10	39.0	20.4	21.3	15.9	30.4	48.2	17.0	20.5	20.8					

Plankton Count - Dominant Species (>98% of total population)

Lake Merced North

15-May-97			10-Sep-97			3-Dec-97			16-Mar-98			8-Jul-98			17-Mar-99		
Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./m ³	No./mL
Oscillatoria	160,000,000	160	Oscillatoria	320,000,000	320	Oscillatoria	1,200,000,000	1,200	Oscillatoria	410,000,000	410	Oscillatoria (1:100 dilution)	1,500,000,000	1,500	Oscillatoria	1,100,000,000	1,100
Anabaena	15,000,000	15	Anabaena	280,000	0.280	Copepod	19,000	0.019	Mougeotia	4,100,000	4,100	Anabaena	10,000,000	10	Anabaena	1,000,000	1
Melosira	8,000,000	8	Melosira	41,000	0.041	Rotifer	19,000	0.019	Nauplius	86,000	0.086	Copepod	89,000	0.089	Spirulina	440,000	0.440
Spondyosium	4,000,000	4	Copepod	41,000	0.041	Cladoceran	19,000	0.019	Copepod	35,000	0.035	Rotifer	13,000	0.013	Rotifer	230,000	0.230
Nauplius Larva	95,000	0.095	Nauplius Larva	25,000	0.025	Total	1,200,057,000	1,200	Total	414,221,000	414	Nauplius	13,000	0.013	Closterium	140,000	0.140
Rotifer	68,000	0.068	Total	320,387,000	320				Total	1,510,115,000	1,510	Copepoda	92,000	0.092	Mougeotia	23,000	0.023
Copepod	55,000	0.055										Mougeotia	23,000	0.023	Epithemia	23,000	0.023
Fragilaria	55,000	0.055										Total	1,101,948,000	1,102			
Total	187,273,000	187															

Lake Merced North East

15-May-97			10-Sep-97			3-Dec-97			16-Mar-98			8-Jul-98			17-Mar-99		
Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./m ³	No./mL
Oscillatoria	430,000,000	430				Oscillatoria	370,000,000	370	Oscillatoria	240,000,000	240	Oscillatoria (1:100 dilution)	1,700,000,000	1,700	Oscillatoria	2,200,000,000	2,200
Melosira	22,000,000	22				Mougeotia	3,400,000	3	Rotifer	130,000	0	Anabaena	1,300,000	1	Rotifer	180,000	0
Anabaena	15,000,000	15				Ankistrodesmus	870,000	1	Anabaena	78,000	0	Copepod	140,000	0	Closterium	78,000	0
Spondyosium	7,400,000	7				Copepod	310,000	0	Copepod	65,000	0	Nauplius	60,000	0	Nauplius	52,000	0
Rotifer	100,000	0				Rotifer	85,000	0	Total	240,273,000	240	Total	1,701,500,000	1,702	Cladoceran	52,000	0
Copepod	100,000	0				Cladoceran	56,000	0							Mougeotia	52,000	0
Total	474,600,000	475				Total	374,721,000	375							Synedra	26,000	0
															Anabaena	26,000	0.026
															Total	2,200,466,000	2,200

Lake Merced North

21-Jun-99	15-Sep-99			8-Dec-99			21-Mar-00			21-Jun-00		
	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
	<i>Oscillatoria</i>	1,900,000,000	1,900	<i>Oscillatoria</i>	1,100,000,000	1,100	<i>Oscillatoria</i>	1,800,000,000	1,800	<i>Oscillatoria</i>	550,000,000	550
	<i>Anabaena</i>	1,800,000	2	<i>Mougeotia</i>	410,000	0.410	<i>Mougeotia</i>	3,039,244	3	<i>Anabaena</i>	35,000,000	35
	<i>Gomphosphaeria</i>	770,000	1	<i>Closterium</i>	170,000	0.170	<i>Melosira</i>	1,823,546	2	<i>Melosira</i>	8,200,000	8
	<i>Mougeotia</i>	640,000	1	<i>Rotifer</i>	69,000	0.069	<i>Anabaena</i>	1,823,546	2	<i>Synedra</i>	490,000	0.490
	<i>Anacystis</i>	470,000	0.470	<i>Naviculoid Diatom</i>	69,000	0.069	<i>Closterium</i>	1,215,698	1.216	<i>Mougeotia</i>	230,000	0.230
	<i>Closterium</i>	430,000	0.430	<i>Cymbella</i>	69,000	0.069	<i>Fragilaria</i>	607,849	0.608	<i>Chlorella</i>	210,000	0.210
	<i>Spirulina</i>	210,000	0.210	<i>Copepoda</i>	34,000	0.034	<i>Copepoda</i>	607,849	0.608	<i>Ankistrodesmus</i>	110,000	0.110
	<i>Mallomonas</i>	170,000	0.170	<i>Mallomonas</i>	34,000	0.034	<i>Rhizolenia</i>	607,849	0.608	<i>Coelosphaerium</i>	61,000	0.061
	<i>Naviculoid Diatom</i>	130,000	0.130	<i>Scenedesmus</i>	34,000	0.034	<i>Synedra</i>	607,849	0.608	<i>Scenedesmus</i>	61,000	0.061
	<i>Scenedesmus</i>	85,000	0.085	<i>Coelastrum</i>	34,000	0.034	<i>Closteridium</i>	607,849	0.608	<i>Rotifera</i>	46,000	0.046
	<i>Tetraedron</i>	85,000	0.085	<i>Anabaena</i>	34,000	0.034	Total	1,810,941,278	1.811	<i>Copepoda</i>	31,000	0.031
	<i>Fragilaria</i>	85,000	0.085	Total	1,100,957,000	1.101				<i>Nauplius</i>	31,000	0.031
	<i>Paramecium</i>	43,000	0.043							<i>Navicula</i>	31,000	0.031
	<i>Pediastrum</i>	43,000	0.043							<i>Cymbella</i>	15,000	0.015
	<i>Cladoceran</i>	43,000	0.043							<i>Stephanodiscus</i>	15,000	0.015
	<i>Selenastrum</i>	43,000	0.043							<i>Closteriopsis</i>	15,000	0.015
	Total	1,905,047,000	1,905							Total	626,000	595

Lake Merced North East

21-Jun-99	15-Sep-99			8-Dec-99			21-Mar-00			21-Jun-00		
	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
	<i>Oscillatoria</i>	1,300,000,000	1,300	<i>Oscillatoria</i>	1,600,000,000	1,600	<i>Oscillatoria</i>	3,100,000,000	3,100	<i>Oscillatoria</i>	1,300,000,000	1,300
	<i>Mougeotia</i>	2,600,000	3	<i>Closterium</i>	690,000	0.690	<i>Melosira</i>	8,200,000	8	<i>Anabaena</i>	16,000,000	16
	<i>Anabaena</i>	560,000	1	<i>Mougeotia</i>	430,000	0	<i>Mougeotia</i>	5,700,000	6	<i>Melosira</i>	6,900,000	7
	<i>Anacystis</i>	530,000	1	<i>Nauplius</i>	170,000	0	<i>Synedra</i>	3,300,000	3	<i>Ankistrodesmus</i>	860,000	1
	<i>Closterium</i>	450,000	0	<i>Synedra</i>	130,000	0	<i>Anabaena</i>	2,400,000	2	<i>Synedra</i>	740,000	1
	<i>Naviculoid Diatom</i>	260,000	0	<i>Anabaena</i>	130,000	0	<i>Gleocystis</i>	820,000	1	<i>Mougeotia</i>	520,000	1
	<i>Ankistrodesmus</i>	230,000	0	<i>Spirulina</i>	87,000	0	Total	3,120,420,000	3,120	<i>Chlorella</i>	360,000	0
	<i>Copepoda</i>	190,000	0	<i>Closteridium</i>	87,000	0				<i>Cymbella</i>	140,000	0
	<i>Copepoda</i>	150,000	0	<i>Scenedesmus</i>	43,000	0				<i>Scenedesmus</i>	120,000	0
	<i>Cymbella</i>	150,000	0	<i>Cymbella</i>	43,000	0				<i>Fragilaria</i>	72,000	0
	<i>Fragilaria</i>	110,000	0	<i>Copepoda</i>	43,000	0				<i>Polyplepharides</i>	48,000	0
	<i>Actinastrum</i>	75,000	0	<i>Actinastrum</i>	43,000	0				<i>Coelosphaerium</i>	48,000	0
	<i>Pediastrum</i>	38,000	0	<i>Rotifer</i>	43,000	0				<i>Stephanodiscus</i>	48,000	0
	<i>Scenedesmus</i>	38,000	0	<i>Coelosphaerium</i>	43,000	0				<i>Gomphonéis</i>	24,000	0
	<i>Ostrocooda</i>	38,000	0	Total	432,000	0				<i>Closterium</i>	24,000	0
	<i>Mallomonas</i>	38,000	0							<i>Closteriopsis</i>	24,000	0
	<i>Rotifer</i>	38,000	0							Total	1,325,928,000	1,326
	Total	525,000	1									

Lake Merced North

9-Aug-00			19-Dec-00			7-Mar-01			20-Jun-01			1-Oct-01		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,900,000,000	1,900	<i>Oscillatoria</i> (20/1 dilution)	1,600,000,000	1,600	<i>Oscillatoria</i>	1,800,000,000	1,800	<i>Oscillatoria</i>	1,200,000,000	1,200	<i>Oscillatoria</i>	2,700,000,000	2,700
<i>Melosira</i>	6,600,000	7	<i>Melosira</i>	1,400,000	1,400	<i>Melosira</i>	1,600,000	2	<i>Anabaena</i>	14,000,000	14	<i>Melosira</i>	970,000	1
<i>Anabaena</i>	2,800,000	3	<i>Mougeotia</i>	1,100,000	1,100	<i>Rotifera</i>	300,000	0.300	<i>Melosira</i>	1,600,000	2	<i>Anabaena</i>	600,000	1
<i>Ankistrodesmus</i>	280,000	0.280	<i>Closterium</i>	370,000	0.370	<i>Scenedesmus</i>	250,000	0.250	<i>Synedra</i>	1,200,000	1	<i>Closterium</i>	340,000	0.340
<i>Coelosphaerium</i>	170,000	0.170	<i>Anabaena</i>	250,000	0.250	<i>Ankistrodesmus</i>	220,000	0.220	<i>Ankistrodesmus</i>	160,000	0.160	<i>Ankistrodesmus</i>	300,000	0.300
<i>Nauplius</i>	130,000	0.130	<i>Ankistrodesmus</i>	250,000	0.250	<i>Closterium</i>	190,000	0.190	<i>Closterium</i>	110,000	0.110	<i>Coelosphaerium</i>	150,000	0.150
<i>Mougeotia</i>	87,000	0.087	<i>Scenedesmus</i>	120,000	0.120	<i>Copepoda</i>	82,000	0.082	<i>Fragilaria</i>	90,000	0.090	<i>Copepoda</i>	150,000	0.150
<i>Rotifera</i>	43,000	0.043	<i>Navicoid Diatom</i>	120,000	0.120	<i>Anabaena</i>	55,000	0.055	<i>Copepoda</i>	45,000	0.045	<i>Scenedesmus</i>	75,000	0.075
<i>Closteriopsis</i>	22,000	0.022	<i>Copepoda</i>	120,000	0.120	<i>Synedra</i>	55,000	0.055	<i>Staurastrum</i>	22,000	0.022	<i>Nauplius</i>	38,000	0.038
<i>Stephanodiscus</i>	22,000	0.022	Total	1,603,730,000	1,604	<i>Nauplius</i>	55,000	0.055	<i>Cyclotella</i>	22,000	0.022	<i>Rotifera</i>	38,000	0.038
<i>Staurastrum</i>	22,000	0.022				<i>Cymbella</i>	27,000	0.027	<i>Nauplius</i>	22,000	0.022	Total	2,702,661,000	2,703
<i>Copepoda</i>	22,000	0.022				<i>Ceratium</i>	27,000	0.027	<i>Coelosphaerium</i>	22,000	0.022			
<i>Pediastrum</i>	22,000	0.022				Total	1,802,861,000	1,803	Total	1,217,293,000	1,217			
<i>Scenedesmus</i>	22,000	0.022												
Total	842,000	1,910												

Lake Merced North East

9-Aug-00			19-Dec-00			7-Mar-01			20-Jun-01			1-Oct-01		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,800,000,000	1,800	<i>Oscillatoria</i> (20/1 dilution)	1,400,000,000	1,400	<i>Oscillatoria</i>	4,800,000,000	4,800	<i>Oscillatoria</i>	2,000,000,000	2,000	<i>Oscillatoria</i>	2,600,000,000	2,600
<i>Melosira</i>	10,000,000	10	<i>Mougeotia</i>	4,100,000	4	<i>Ankistrodesmus</i>	730,000	0.730	<i>Anabaena</i>	12,000,000	12	<i>Melosira</i>	4,100,000	4
<i>Anabaena</i>	3,300,000	3	<i>Melosira</i>	1,600,000	2	<i>Rotifera</i>	380,000	0.380	<i>Melosira</i>	4,800,000	5	<i>Ankistrodesmus</i>	1,900,000	2
<i>Ankistrodesmus</i>	1,600,000	2	<i>Ankistrodesmus</i>	570,000	1	<i>Melosira</i>	270,000	0.270	<i>Synedra</i>	2,700,000	3	<i>Rotifera</i>	160,000	0.160
<i>Mougeotia</i>	280,000	0	<i>Closterium</i>	460,000	0	<i>Synedra</i>	190,000	0.190	<i>Ankistrodesmus</i>	1,100,000	1.100	<i>Nauplius</i>	120,000	0.120
<i>Closterium</i>	250,000	0	<i>Cyclotella</i>	230,000	0	<i>Staurastrum</i>	120,000	0.120	<i>Closterium</i>	400,000	0.400	<i>Cymbella</i>	120,000	0.120
<i>Nauplius</i>	140,000	0	<i>Anacystis</i>	110,000	0	<i>Scenedesmus</i>	77,000	0.077	<i>Cyclotella</i>	400,000	0.400	<i>Closterium</i>	120,000	0.120
<i>Scenedesmus</i>	110,000	0	<i>Rotifera</i>	110,000	0	<i>Nauplius</i>	38,000	0.038	<i>Ophiocyrtium</i>	130,000	0.130	<i>Copepoda</i>	120,000	0.120
<i>Synedra</i>	84,000	0	<i>Nauplius</i>	110,000	0	<i>Closterium</i>	38,000	0.038	<i>Copepoda</i>	130,000	0.130	<i>Anabaena</i>	41,000	0.041
<i>Rotifera</i>	84,000	0	<i>Navicoid Diatom</i>	110,000	0	<i>Stephanodiscus</i>	38,000	0.038	<i>Nauplius</i>	100,000	0.100	<i>Aphanizomenon</i>	41,000	0.041
<i>Cymbella</i>	56,000	0	<i>Zygnema</i>	110,000	0	<i>Copepoda</i>	38,000	0.038	<i>Fragilaria</i>	67,000	0.067	Total	2,606,722,000	2,607
<i>Ophiocyrtium</i>	56,000	0	<i>Gloeocystis</i>	110,000	0	Total	4,801,919,000	4,802	<i>Rotifera</i>	67,000	0.067			
<i>Coelosphaerium</i>	56,000	0	Total	1,407,730,000	1,408				<i>Sphaerocystis</i>	33,000	0.033			
<i>Closteriopsis</i>	56,000	0							<i>Staurastrum</i>	33,000	0.033			
<i>Navicula</i>	56,000	0							<i>Scenedesmus</i>	33,000	0.033			
<i>Copepoda</i>	28,000	0							Total	2,021,993,000	2,022			
<i>Nematoda</i>	28,000	0												
Total	1,816,184,000	1,816												

Lake Merced North

18-Dec-01			5-Mar-02			30-Apr-02			18-Jun-02			23-Aug-02		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,100,000,000	1.100	<i>Oscillatoria (50:1 dil)</i>	960,000,000	960	<i>Oscillatoria</i>	1,300,000,000	1,300	<i>Oscillatoria</i>	580,000,000	580	<i>Oscillatoria(50:1dil)</i>	1,000,000,000	1,000
<i>Melosira</i>	2,000,000	2	<i>Anabaena</i>	380,000	0.380	<i>Anabaena</i>	82,000,000	82	<i>Anabaena</i>	19,000,000	19	<i>Anabaena</i>	1,100,000	1
<i>Ankistrodesmus</i>	230,000	0.230	<i>Nauplius</i>	230,000	0.230	<i>Melosira</i>	17,000,000	17	<i>Melosira</i>	3,500,000	4	<i>Mougeotia</i>	1,000,000	1
<i>Closterium</i>	210,000	0.210	<i>Rotifera</i>	140,000	0.140	<i>Ankistrodesmus</i>	1,100,000	1	<i>Synedra</i>	400,000	0.400	<i>Melosira</i>	310,000	0.310
<i>Anabaena</i>	100,000	0.100	<i>Ankistrodesmus</i>	110,000	0.110	<i>Closterium</i>	980,000	1	<i>Closterium</i>	290,000	0.290	<i>Rotifera</i>	280,000	0.280
<i>Fragilaria</i>	63,000	0.063	<i>Synedra</i>	67,000	0.067	<i>Cyclotella</i>	46,000	0.046	<i>Ankistrodesmus</i>	230,000	0.230	<i>Coelosphaerium</i>	280,000	0.280
<i>Copepoda</i>	21,000	0.021	<i>Copepoda</i>	67,000	0.067	<i>Copepoda</i>	46,000	0.046	<i>Copepoda</i>	90,000	0.090	<i>Nauplius</i>	130,000	0.130
<i>Epithemia</i>	21,000	0.021	<i>Stephanodiscus</i>	45,000	0.045	<i>Nauplius</i>	23,000	0.023	<i>Cyclotella</i>	90,000	0.090	<i>Copepoda</i>	100,000	0.100
<i>Nauplius</i>	21,000	0.021	<i>Closterium</i>	45,000	0.045	<i>Fragilaria</i>	23,000	0.023	<i>Nauplius</i>	72,000	0.072	<i>Closterium</i>	77,000	0.077
Total	1,102,666,000	1.103	<i>Mallomonas</i>	23,000	0.023	<i>Staurastrum</i>	23,000	0.023	<i>Rotifera</i>	18,000	0.018	<i>Cladocera</i>	26,000	0.026
			<i>Staurastrum</i>	23,000	0.023	<i>Ceratium</i>	23,000	0.023	Total	603,690,000	604	<i>Anacystis</i>	26,000	0.026
			<i>Cladocera</i>	23,000	0.023	<i>Rotifera</i>	23,000	0.023				<i>Gloeocystis</i>	26,000	0.026
			<i>Scenedesmus</i>	23,000	0.023	<i>Epithemia</i>	23,000	0.023				<i>Navicula</i>	26,000	0.026
			<i>Fragilaria</i>	23,000	0.023	Total	1,401,310,000	1,401				<i>Scenedesmus</i>	26,000	0.026
			<i>Anacystis</i>	23,000	0.023							Total	1,006,814,000	1,007
			Total	961,222,000	961									

Lake Merced North East

18-Dec-01			5-Mar-02			30-Apr-02			18-Jun-02			23-Aug-02		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,800,000,000	1.800	<i>Oscillatoria (50:1 dil)</i>	1,800,000,000	1,800	<i>Oscillatoria</i>	1,900,000,000	1,900	<i>Oscillatoria</i>	3,500,000,000	3,500	<i>Oscillatoria (20:1 dil)</i>	1,300,000,000	1,300
<i>Melosira</i>	6,300,000	6	<i>Melosira</i>	1,900,000	1.900	<i>Melosira</i>	73,000,000	73	<i>Anabaena</i>	18,000,000	18	<i>Melosira</i>	2,100,000	2
<i>Ankistrodesmus</i>	1,500,000	1.500	<i>Rotifera</i>	660,000	0.660	<i>Anabaena</i>	7,500,000	7.5	<i>Melosira</i>	16,000,000	16	<i>Mougeotia</i>	1,500,000	1.5
<i>Closterium</i>	300,000	0.300	<i>Closterium</i>	540,000	0.540	<i>Closterium</i>	1,600,000	1.6	<i>Synedra</i>	820,000	0.820	<i>Anabaena</i>	690,000	0.690
<i>Rotifera</i>	130,000	0.130	<i>Ankistrodesmus</i>	370,000	0.370	<i>Ankistrodesmus</i>	1,200,000	1.2	<i>Ankistrodesmus</i>	620,000	0.620	<i>Ankistrodesmus</i>	240,000	0.240
<i>Fragilaria</i>	67,000	0.067	<i>Nauplius</i>	250,000	0.250	<i>Rotifera</i>	340,000	0.340	<i>Closterium</i>	270,000	0.270	<i>Closterium</i>	180,000	0.180
<i>Staurastrum</i>	67,000	0.067	<i>Stephanodiscus</i>	210,000	0.210	<i>Copepoda</i>	300,000	0.300	<i>Rotifera</i>	140,000	0.140	<i>Cladocera</i>	120,000	0.120
<i>Nauplius</i>	34,000	0.034	<i>Copepoda</i>	170,000	0.170	<i>Coelosphaerium</i>	110,000	0.110	<i>Staurastrum</i>	100,000	0.100	<i>Rotifera</i>	120,000	0.120
Total	1,808,398,000	1.808	<i>Anacystis</i>	83,000	0.083	<i>Nauplius</i>	75,000	0.075	<i>Nauplius</i>	100,000	0.100	<i>Mallomonas</i>	90,000	0.090
			<i>Anabaena</i>	42,000	0.042	<i>Scenedesmus</i>	75,000	0.075	<i>Copepoda</i>	34,000	0.034	<i>Synedra</i>	90,000	0.090
			<i>Synedra</i>	42,000	0.042	<i>Cymbella</i>	37,000	0.037	Total	3,536,084,000	3,536	<i>Copepoda</i>	90,000	0.090
			<i>Scenedesmus</i>	42,000	0.042	<i>Epithemia</i>	37,000	0.037				<i>Coelosphaerium</i>	90,000	0.090
			<i>Gloeocystis</i>	42,000	0.042	<i>Synedra</i>	37,000	0.037				<i>Ceratium</i>	30,000	0.030
			Total	1,804,351,000	1,804	Total	1,984,311,000	1,984				<i>Nauplius</i>	30,000	0.030
											<i>Cymbella</i>	30,000	0.030	
											<i>Scenedesmus</i>	30,000	0.030	
											<i>Pinnularia</i>	30,000	0.030	
											Total	1,305,460,000	1,305	

Lake Merced North

23-Oct-02			11-Feb-03			14-May-03			15-Jul-03			30-Sep-03		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,500,000,000	1.500	<i>Oscillatoria</i>	1,700,000,000	1.700	<i>Oscillatoria</i>	1,600,000,000	1.600	<i>Oscillatoria</i>	1,400,000,000	1.400	<i>Oscillatoria</i>	980,000,000	980
<i>Melosira</i>	3,100,000	3	<i>Melosira</i>	3,200,000	3	<i>Melosira</i>	3,600,000	4	<i>Anabaena</i>	7,400,000	7	<i>Anabaena</i>	1,400,000	1.400
<i>Anabaena</i>	2,700,000	3	<i>Ankistrodesmus</i>	130,000	0.130	<i>Anabaena</i>	1,500,000	2	<i>Melosira</i>	900,000	0.900	<i>Melosira</i>	290,000	0.290
<i>Closterium</i>	500,000	0.500	<i>Closterium</i>	130,000	0.130	<i>Synedra</i>	710,000	0.710	<i>Ankistrodesmus</i>	230,000	0.230	<i>Closterium</i>	150,000	0.150
<i>Ankistrodesmus</i>	150,000	0.150	Copepoda	25,000	0.025	<i>Ankistrodesmus</i>	630,000	0.630	<i>Closterium</i>	120,000	0.120	Copepoda	77,000	0.077
Nauplius	88,000	0.088	Nauplius	25,000	0.025	<i>Closterium</i>	490,000	0.490	Copepoda	100,000	0.100	Nauplius	46,000	0.046
Copepoda	59,000	0.059	<i>Cymbella</i>	25,000	0.025	<i>Cyclotella</i>	220,000	0.220	Nauplius	84,000	0.084	Rotifera	31,000	0.031
<i>Scenedesmus</i>	29,000	0.029	Rotifera	25,000	0.025	<i>Scenedesmus</i>	110,000	0.110	Rotifera	63,000	0.063	<i>Epithemia</i>	31,000	0.031
Total	1,506,626,000	1.507	<i>Scenedesmus</i>	25,000	0.025	Rotifera	82,000	0.082	<i>Stephanodiscus</i>	63,000	0.063	<i>Synedra</i>	31,000	0.031
			Total	1,703,585,000	1.704	<i>Cymbella</i>	27,000	0.027	<i>Scenedesmus</i>	42,000	0.042	<i>Cymbella</i>	15,000	0.015
						<i>Staurastrum</i>	27,000	0.027	<i>Synedra</i>	42,000	0.042	<i>Scenedesmus</i>	15,000	0.015
						<i>Fragilaria</i>	27,000	0.027	<i>Spirulina</i>	21,000	0.021	Total	982,086,000	982
						Total	1,607,423,000	1.607	Total	1,409,065,000	1.409			

Lake Merced North East

23-Oct-02			11-Feb-03			14-May-03			15-Jul-03			30-Sep-03		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	2,300,000,000	2.300	<i>Oscillatoria</i>	1,700,000,000	1.700	<i>Oscillatoria</i>	1,700,000,000	1.700	<i>Oscillatoria</i>	1,900,000,000	1.900			
<i>Melosira</i>	3,400,000	3	<i>Melosira</i>	1,800,000	2	<i>Melosira</i>	6,700,000	7	<i>Melosira</i>	5,500,000	6			
<i>Anabaena</i>	1,300,000	1.300	<i>Ankistrodesmus</i>	220,000	0.220	<i>Anabaena</i>	5,800,000	6	<i>Anabaena</i>	300,000	0.300			
<i>Closterium</i>	760,000	0.760	Rotifera	220,000	0.220	<i>Closterium</i>	790,000	0.790	<i>Closterium</i>	240,000	0.240			
<i>Ankistrodesmus</i>	610,000	0.610	Nauplius	190,000	0.190	<i>Ankistrodesmus</i>	400,000	0.400	Rotifera	180,000	0.180			
Copepoda	230,000	0.230	<i>Closterium</i>	160,000	0.160	<i>Synedra</i>	220,000	0.220	<i>Ankistrodesmus</i>	150,000	0.150			
Nauplius	150,000	0.150	<i>Synedra</i>	120,000	0.120	<i>Fragilaria</i>	110,000	0.110	<i>Synedra</i>	150,000	0.150			
Rotifera	110,000	0.110	<i>Cymbella</i>	31,000	0.031	Nauplius	85,000	0.085	Copepoda	89,000	0.089			
<i>Synedra</i>	38,000	0.038	Total	1,702,741,000	1.703	<i>Scenedesmus</i>	85,000	0.085	<i>Staurastrum</i>	30,000	0.030			
<i>Cymbella</i>	38,000	0.038				<i>Staurastrum</i>	56,000	0.056	Nauplius	30,000	0.030			
<i>Ophiocyllum</i>	38,000	0.038				<i>Cymbella</i>	56,000	0.056	<i>Navicula</i>	30,000	0.030			
Total	2,306,674,000	2.307				Copepoda	28,000	0.028	<i>Ophiocyllum</i>	30,000	0.030			
						<i>Ceratium</i>	28,000	0.028	<i>Stephanodiscus</i>	30,000	0.030			
						Rotifera	28,000	0.028	<i>Sphaerocystis</i>	30,000	0.030			
						Total	1,714,386,000	1.714	Total	1,906,789,000	1.907			

Lake Merced North

2-Dec-03			27-May-04		29-Aug-04		27-Oct-04		9-Dec-04		9-Feb-05		18-Apr-05	
Organism	No./m³	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
Oscillatoria	890,000,000	890	Melosira	18	Coelosphaerium	60	Oscillatoria	100	Oscillatoria	24	Asterionella	140	Oscillatoria	9.1
Anabaena	440,000	0.440	Fragilaria	5	Fragilaria	14	Anabaena	88	Anabaena	9.6	Oscillatoria	140	Ceratum	0.83
Mougeotia	128,719	0.129	Ceratum	3.7	Anabaena	4.4	Fragilaria	11	Coelosphaerium	0.77	Anabaena	8.2	Anabaena	0.54
Nauplius	100,000	0.100	Sphaerocystis	1.1	Melosira	1.9	Stephanodiscus	3.5	Melosira	0.44	Stephanodiscus	3.4	Sphaerocystis	0.38
Ankistrodesmus	100,000	0.100	Anabaena	0.55	Aphanizomenon	1.5	Melosira	1.1	Stephanodiscus	0.2	Closterium	1.3	Synedra	0.064
Rotifera	77,000	0.077	Copepoda	0.2	Asterionella	0.77	Coelosphaerium	0.7	Staurastrum	0.11	Melosira	0.61	Asterionella	0.064
Stephanodiscus	51,000	0.051	Synedra	0.18	Cyclotella	0.13	Rotifera	0.47	Closterium	0.11	Coelosphaerium	0.49	Coelosphaerium	0.048
Closterium	51,000	0.051	Fragilaria	0.13	Ceratum	0.077	Staurastrum	0.28	Asterionella	0.086	Ceratum	0.2	Cyclotella	0.024
Copepoda	26,000	0.026	Nauplius	0.18	Staurastrum	0.077	Nauplius	0.1	Cladocera	0.086	Synedra	0.14	Tabellaria	0.024
Mallomonas	26,000	0.026	Zygnema	0.05	Oscillatoria	0.051	Copepoda	0.073	Copepoda	0.071	Fragilaria	0.098	Copepoda	0.016
Staurastrum	26,000	0.026	Mallomonas	0.034	Gloeocystis	0.051	Cladocera	0.058	Fragilaria	0.057	Rotifera	0.039	Fragilaria	0.016
Cladocera	26,000	0.026	Staurastrum	0.034	Synedra	0.026	Sphaerocystis	0.029	Ceratum	0.057	Pediastrum	0.039	Stephanodiscus	0.016
Scenedesmus	26,000	0.026	Anacystis	0.017	Cladocera	0.026	Ceratum	0.014	Cyclotella	0.057	Staurastrum	0.039	Pediastrum	0.008
Fragilaria	26,000	0.026	Coelosphaerium	0.017	Closterium	0.026	Asterionella	0.014	Nauplius	0.028	Epithemia	0.02	Staurastrum	0.008
Anacystis	26,000	0.026	Total	29.192	Copepoda	0.026	Synedra	0.014	Synedra	0.028	Total	294.575	Melosira	0.008
Total	891,129,719	891			Total	83.06	Cymbella	0.014	Pediastrum	0.014			Desmidium	0.008
							Closterium	0.014	Rotifera	0.014			Total	11.154
							Total	205.38	Total	35.728				

Lake Merced North East

2-Dec-03			27-May-04		29-Aug-04		27-Oct-04		9-Dec-04		9-Feb-05		18-Apr-05	
Organism	No./m³	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
Oscillatoria	1,100,000,000	1,100	Oscillatoria	520	Oscillatoria	350	Oscillatoria	310	Oscillatoria	350	Oscillatoria	350	Oscillatoria	640
Anabaena	340,000	0.340	Melosira	2.3	Coelosphaerium	7.4	Anabaena	5.5	Anabaena	15	Asterionella	15	Asterionella	33
Nauplius	170,000	0.170	Anabaena	1.1	Anabaena	2.3	Stephanodiscus	4.4	Stephanodiscus	2.7	Stephanodiscus	4.3	Aphanizomenon	5.5
Melosira	140,000	0.140	Ceratum	0.4	Ceratum	2.1	Closterium	4.1	Synedra	0.61	Synedra	3.7	Stephanodiscus	1.5
Mougeotia	140,000	0.140	Rotifera	0.25	Melosira	1.4	Fragilaria	1	Closterium	0.52	Anabaena	0.59	Ceratum	0.77
Closterium	100,000	0.100	Synedra	0.15	Synedra	0.87	Fragilaria	0.78	Coelosphaerium	0.3	Closterium	0.51	Closterium	0.55
Rotifera	69,000	0.069	Closterium	0.13	Synedra	0.82	Melosira	0.64	Asterionella	0.26	Melosira	0.18	Asterionella	0.29
Stephanodiscus	69,000	0.069	Nauplius	0.1	Asterionella	0.46	Rotifera	0.36	Melosira	0.16	Rotifera	0.12	Melosira	0.27
Copepoda	69,000	0.069	Pennate Diatom	0.1	Ophocytium	0.1	Asterionella	0.32	Nauplius	0.07	Coelosphaerium	0.1	Cyclotella	0.22
Coelosphaerium	69,000	0.069	Fragilaria	0.076	Copepoda	0.051	Coelosphaerium	0.11	Cladocera	0.07	Staurastrum	0.081	Staurastrum	0.18
Ankistrodesmus	34,000	0.034	Cladocera	0.076001	Closterium	0.051	Staurastrum	0.085	Staurastrum	0.047	Cladocera	0.061	Rotifera	0.18
Synedra	34,000	0.034	Anacystis	0.076002	Nauplius	0.051	Ceratum	0.085	Copepoda	0.047	Cymbella	0.041	Coelosphaerium	0.13
Scenedesmus	34,000	0.034	Sphaerocystis	0.076003	Cladocera	0.026	Cymbella	0.021	Rotifera	0.023	Ceratum	0.02	Fragilaria	0.11
Cyclotella	34,000	0.034	Coelosphaerium	0.05	Total	365.629	Total	327.401	Fragilaria	0.023	Total	392.703	Nauplius	0.11
Total	1,101,302,000	1,101.302	Copepoda	0.025					Ceratum	0.023			Synedra	0.088
			Zygnema	0.025					Total	369.853			Copepoda	0.066
			Total	524.934006									Sphaerocystis	0.044
													Total	658.608

Lake Merced North

23-Jun-05		17-Aug-05		28-Sep-05		31-Oct-05		29-Nov-05		29-Dec-05		23-Jan-06		1-Mar-06		
Organism	No./mL	Organism	No./m3	Organism	No./mL	Organism	No./m ³	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria (20:1 dil)</i>	290	<i>Oscillatoria</i>	270	<i>Oscillatoria</i>	480	<i>Oscillatoria</i>	280,000,000	280	<i>Oscillatoria</i>	460	<i>Oscillatoria</i>	360	<i>Oscillatoria</i>	190	<i>Oscillatoria</i>	260
<i>Anabaena</i>	4	<i>Closterium</i>	17	<i>Anabaena</i>	24,000	<i>Anabaena</i>	2,100,000	2	<i>Closterium</i>	4.3					<i>Melosira</i>	16
<i>Aphanizomenon</i>	1	<i>Melosira</i>	3.1	<i>Ceratium</i>	5,100	<i>Ceratium</i>	860,000	1	<i>Synedra</i>	0.45					<i>Anabaena</i>	14
<i>Stephanodiscus</i>	0.47	<i>Anabaena</i>	2.8	<i>Nauplius</i>	4,800	<i>Cladocera</i>	170,000	0.17	<i>Stephanodiscus</i>	0.36					<i>Closterium</i>	12
<i>Melosira</i>	0.36	<i>Ceratium</i>	0.37	<i>Rotifera</i>	0.250	<i>Nauplius</i>	130,000	0.13	<i>Ceratium</i>	0.34					<i>Asterionella</i>	4.3
<i>Nauplius</i>	0.17	<i>Stephanodiscus</i>	0.21	Copepoda	0.170	<i>Rotifer</i>	77,000	0.08	<i>Melosira</i>	0.34					Total	306
<i>Fragilaria</i>	0.13	Copepoda	0.093	Cladocera	0.084	<i>Copepod</i>	58,000	0.06	Copepoda	0.23						
Copepoda	0.13	Nauplius	0.093	<i>Mallomonas</i>	0.084	Total	283,395,000	283	Rotifera	0.18						
<i>Closterium</i>	0.13	<i>Ankistrodesmus</i>	0.093	Total	514,000				Nauplius	0.16						
Rotifera	0.086	<i>Synedra</i>	0.093						<i>Anabaena</i>	0.14						
<i>Ceratium</i>	0.021	Rotifera	0.046						<i>Coelosphaerium</i>	0.11						
<i>Nitzschia</i>	0.021	<i>Epithemia</i>	0.023						Cladocera	0.09						
<i>Scenedesmus</i>	0.021	<i>Staurastrum</i>	0.023						<i>Pediastrum</i>	0.023						
Total	296.539	Cladocera	0.023						<i>Asterionella</i>	0.023						
		<i>Pediastrum</i>	0.023						<i>Ophiocytium</i>	0.023						
		Total	293.99						Total	466.769						

Lake Merced North East

23-Jun-05		17-Aug-05		28-Sep-05		31-Oct-05		29-Nov-05		29-Dec-05		23-Jan-06		1-Mar-06		
Organism	No./mL	Organism	No./m3	Organism	No./mL	Organism	No./m3	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria (20:1 dil)</i>	40	<i>Oscillatoria</i>	650	<i>Oscillatoria</i>	590	<i>Oscillatoria</i>	290,000,000	290	<i>Oscillatoria</i>	450	<i>Oscillatoria</i>	430	<i>Asterionella</i>	160	<i>Oscillatoria</i>	500
<i>Anabaena</i>	14	<i>Melosira</i>	6.3	<i>Anabaena</i>	3.1	<i>Ceratium</i>	1,700,000	2	<i>Closterium</i>	7.0			<i>Ceratium</i>	19	<i>Synedra</i>	5.9
<i>Aphanizomenon</i>	2.1	<i>Closterium</i>	5.0	<i>Melosira</i>	1.7	<i>Anabaena</i>	1,300,000	1	<i>Ceratium</i>	1.2			<i>Oscillatoria</i>	5.1	Total	506
<i>Melosira</i>	0.47	<i>Anabaena</i>	0.76	<i>Rotifer</i>	0.34	<i>Melosira</i>	700,000	1	<i>Stephanodiscus</i>	0.220			<i>Cyclotella</i>	1.3		
Rotifera	0.26	<i>Stephanodiscus</i>	0.55	<i>Ceratium</i>	0.26	<i>Ankistrodesmus</i>	690,000	1	Rotifera	0.190			<i>Copepoda</i>	1.3		
<i>Closterium</i>	0.26	<i>Synedra</i>	0.45	<i>Nauplius</i>	0.26	<i>Nauplius</i>	200,000	0.20	<i>Nauplius</i>	0.160			<i>Cladocera</i>	1.3		
<i>Fragilaria</i>	0.21	<i>Ceratium</i>	0.24	Copepoda	0.087	<i>Rotifera</i>	86,000	0.09	Cladocera	0.160			Total	188		
<i>Stephanodiscus</i>	0.21	Nauplius	0.21	Total	596	<i>Stephanodiscus</i>	86,000	0.09	<i>Asterionella</i>	0.064						
Nauplius	0.13	Rotifera	0.17			Cladocera	29,000	0.03	<i>Copepoda</i>	0.064						
Copepoda	0.064	<i>Sphaerocystis</i>	0.17			Total	294,791,000	295	<i>Pediastrum</i>	0.032						
<i>Sphaerocystis</i>	0.064	Copepoda	0.10						Total	918.020						
<i>Ceratium</i>	0.043	<i>Fragilaria</i>	0.034													
<i>Asterionella</i>	0.043	<i>Pinnularia</i>	0.034													
<i>Coelosphaerium</i>	0.043	<i>Asterionella</i>	0.034													
<i>Dinobryon</i>	0.021	Total	664													
Total	57.918															

Appendix K

Lake Merced North

26-Apr-06		14-Jun-06		24-Aug-06		25-Oct-06		20-Dec-06		29-Mar-07		26-Jun-07		20-Aug-07		27-Dec-07		28-Mar-08	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	320	<i>Oscillatoria</i>	490	<i>Oscillatoria</i>	230	<i>Oscillatoria</i>	680	<i>Oscillatoria</i>	1100	<i>Oscillatoria</i>	1300	<i>Oscillatoria</i>	1570	<i>Oscillatoria</i>	300			<i>Oscillatoria</i>	4.4
<i>Anabaena</i>	64													<i>Dictyosphaerium</i>	7.4			<i>Melosira</i>	4.6
<i>Synedra</i>	4.7													Total	307.4				4.9
<i>Closterium</i>	0.79																		
Total	389																		

Lake Merced North East

26-Apr-06		14-Jun-06		24-Aug-06		25-Oct-06		20-Dec-06		29-Mar-07		26-Jun-07		20-Aug-07		27-Dec-07		28-Mar-08	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	540	<i>Oscillatoria</i>	460	<i>Oscillatoria</i>	870	<i>Oscillatoria</i>	1100	<i>Oscillatoria</i>	1400	<i>Oscillatoria</i>	1680	<i>Oscillatoria</i>	270					<i>Oscillatoria</i>	4.7
																		<i>Melosira</i>	1.8
																		Total	6.5

Lake Merced North

10-Jun-08		24-Sep-08		4-Dec-08		24-Mar-09		4-Jun-09		22-Sep-09		15-Dec-09	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	128	<i>Oscillatoria</i>	22.8	<i>Oscillatoria</i>	160	<i>Oscillatoria</i>	410	<i>Oscillatoria</i>	990	<i>Oscillatoria</i>	1000	<i>Oscillatoria</i>	410

Lake Merced North East

10-Jun-08		24-Sep-08		4-Dec-08		24-Mar-09		4-Jun-09		22-Sep-09		15-Dec-09	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	74.6	<i>Oscillatoria</i>	29.4	<i>Oscillatoria</i>	120	<i>Oscillatoria</i>	610	<i>Oscillatoria</i>	1200	<i>Oscillatoria</i>	12000	<i>Oscillatoria</i>	550

Lake Merced South - Pistol Range

15-May-97			10-Sep-97			3-Dec-97			16-Mar-98			8-Jul-98			17-Mar-99		
Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./m ³	No./mL
Oscillatoria	1,300,000,000	1,300	Oscillatoria	390,000,000	390	Oscillatoria	1,000,000,000	1,000	Oscillatoria	540,000,000	540	Oscillatoria (1:50 dilution)	240,000,000	240	Oscillatoria	51,000,000	51
Anabaena	7,500,000	7.5	Anabaena	7,100,000	7	Anabaena	1,200,000	1	Rotifer	130,000	0	Ulothrix	13,000,000	13	Mougeotia	110,000	0
Ceratium	300,000	0.30	Total	397,100,000	397	Copepod	86,000	0	Anabaena	78,000	0	Anabaena	1,200,000	1	Asterionella	840,000	1
Copepoda	138,000	0.14				Rotifer	64,000	0	Copepod	65,000	0	Melosira	1,100,000	1	Closterium	30,000	0
Staurastrum	138,000	0.14				Ceratium	43,000	0	Total	540,273,000	540	Nauplius	170,000	0	Nauplius	30,000	0
Rotifera	79,000	0.079				Total	1,001,393,000	1,001				Copepod	150,000	0	Spirulina	23,000	0
Total	1,308,155,000	1,308										Total	255,620,000	256	Copepoda	23,000	0
												Actinastrum	15,000	0	Actinastrum	15,000	0
												Anabaena	15,000	0	Anabaena	15,000	0
												Navicula	7,600	0	Navicula	7,600	0
												Fragilaria	7,600	0	Fragilaria	7,600	0
												Synedra	7,600	0	Synedra	7,600	0
												Anacystis	7,600	0	Anacystis	7,600	0
												Staurastrum	7,600	0	Staurastrum	7,600	0
												Total			Total	52,124,000	52

Lake Merced South - Pump Station

15-May-97			10-Sep-97			3-Dec-97			16-Mar-98			8-Jul-98			17-Mar-99		
Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./cuM	No./mL	Organism	No./m ³	No./mL
Oscillatoria	1,000,000,000	1,000	Oscillatoria	290,000,000	290	Oscillatoria	1,000,000,000	1,000	Oscillatoria	87,000,000	87	Oscillatoria (1:50 dilution)	360,000,000	360	Oscillatoria	60,000,000	60
Anabaena	8,100,000	8	Anabaena	220,000	0	Anabaena	620,000	1	Anabaena	28,000	0	Ulothrix	7,900,000	8	Mougeotia	130,000	0
Ceratium	180,000	0	Dinobryon	56,000	0	Copepod	94,000	0	Mougeotia	28,000	0	Anabaena	2,000,000	2	Asterionella	100,000	0
Copepod	39,000	0	Copepod	21,000	0	Rotifer	19,000	0	Rotifer	14,000	0	Melosira	890,000	1	Copepoda	46,000	0
Total	1,008,319,000	1,008	Total	290,297,000	290	Total	1,000,733,000	1,001	Total	87,070,000	87	Copepod	90,000	0	Actinastrum	46,000	0
												Nauplius	90,000	0	Spirulina	28,000	0
												Total	370,970,000	371	Nauplius	18,000	0
												Rotifer	18,000	0	Rotifer	18,000	0
												Closterium	18,000	0	Closterium	18,000	0
												Ankistrodesmus	18,000	0	Ankistrodesmus	18,000	0
												Staurastrum	18,000	0	Staurastrum	18,000	0
												Ceratium	9,200	0	Ceratium	9,200	0
												Anabaena	9,200	0	Anabaena	9,200	0
												Synedra	9,200	0	Synedra	9,200	0
												Total			Total	60,467,600	60

Lake Merced South - Pistol Range

21-Jun-99			15-Sep-99			8-Dec-99			21-Mar-00			21-Jun-00		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	500,000,000	500	<i>Oscillatoria</i>	450,000,000	450	<i>Oscillatoria</i>	868,706,613	869	<i>Oscillatoria</i>	1,600,000,000	1,600	<i>Oscillatoria</i>	370,000,000	370
<i>Mougeotia</i>	2,500,000	3	<i>Anabaena</i>	8,900,000	9	<i>Mougeotia</i>	251,495	0	<i>Melosira</i>	2,900,000	3	<i>Anabaena</i>	11,000,000	11
<i>Anabaena</i>	2,000,000	2	<i>Mougeotia</i>	600,000	1	<i>Spirulina</i>	188,621	0	<i>Anabaena</i>	2,500,000	3	<i>Melosira</i>	1,700,000	2
<i>Spirulina</i>	320,000	0	<i>Spirulina</i>	380,000	0	<i>Anabaena</i>	167,664	0	<i>Closterium</i>	2,500,000	3	<i>Mougeotia</i>	320,000	0
<i>Closteridium</i>	230,000	0	<i>Mallomonas</i>	220,000	0	<i>Scenedesmus</i>	104,790	0	<i>Mougeotia</i>	1,800,000	2	<i>Chlorella</i>	160,000	0
<i>Closterium</i>	200,000	0	<i>Fragilaria</i>	160,000	0	<i>Closterium</i>	62,874	0	<i>Synedra</i>	730,000	1	<i>Ankistrodesmus</i>	150,000	0
<i>Scenedesmus</i>	120,000	0	<i>Anacystis</i>	140,000	0	<i>Microcystis</i>	62,874	0	<i>Scenedesmus</i>	730,000	1	<i>Closterium</i>	84,000	0
<i>Gomphosphaeria</i>	73,000	0	<i>Copepoda</i>	99,000	0	<i>Nauplius</i>	41,916	0	<i>Microcystis</i>	360,000	0	<i>Closteriopsis</i>	84,000	0
Rotifer	29,000	0	<i>Staurastrum</i>	99,000	0	<i>Naviculoid Diatom</i>	41,916	0	<i>Nauplius</i>	360,000	0	<i>Nauplius</i>	66,000	0
<i>Copepoda</i>	29,000	0	<i>Naviculoid Diatom</i>	79,000	0	<i>Actinastrum</i>	20,958	0	<i>Staurastrum</i>	360,000	0	<i>Copepoda</i>	56,000	0
<i>Navicula</i>	14,000	0	<i>Gomphosphaeria</i>	79,000	0	Rotifer	20,958	0	Total	1,612,240,000	1,612	<i>Navicula</i>	56,000	0
<i>Staurastrum</i>	14,000	0	<i>Cyclotella</i>	40,000	0	<i>Pinnularia</i>	20,958	0				<i>Coelosphaerium</i>	47,000	0
<i>Synedra</i>	14,000	0	<i>Closterium</i>	40,000	0	<i>Cymbella</i>	20,958	0				<i>Scenedesmus</i>	38,000	0
<i>Nauplius</i>	14,000	0	<i>Nauplius</i>	40,000	0	<i>Copepoda</i>	20,958	0				<i>Coelastrum</i>	19,000	0
<i>Cymbella</i>	14,000	0	<i>Actinastrum</i>	20,000	0	Total	869,733,552	870				<i>Amphora</i>	19,000	0
Total	505,571,000	506	<i>Scenedesmus</i>	20,000	0							<i>Dinobryon</i>	9,400	0
			<i>Pinnularia</i>	20,000	0							<i>Staurastrum</i>	9,400	0
			<i>Tetraedron</i>	20,000	0							<i>Cladocera</i>	9,400	0
			Total	460,956,000	461							<i>Pinnularia</i>	9,400	0
												<i>Synedra</i>	9,400	0
												Total	383,846,000	384

Lake Merced South - Pump Station

21-Jun-99			15-Sep-99			8-Dec-99			21-Mar-00			21-Jun-00		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	660,000,000	660	<i>Oscillatoria</i>	590,000,000	590	<i>Oscillatoria</i>	1,060,499,160	1,060	<i>Oscillatoria</i>	1,600,000,000	1,600	<i>Oscillatoria</i>	330,000,000	330
<i>Anabaena</i>	3,200,000	3	<i>Anabaena</i>	23,000,000	23	<i>Spirulina</i>	362,449	0	<i>Melosira</i>	3,100,000	3	<i>Anabaena</i>	12,000,000	12
<i>Mougeotia</i>	1,900,000	2	<i>Spirulina</i>	1,300,000	1	<i>Mougeotia</i>	93,968	0	<i>Synedra</i>	1,600,000	2	<i>Melosira</i>	2,000,000	2
<i>Spirulina</i>	550,000	1	<i>Mougeotia</i>	500,000	1	<i>Microcystis</i>	80,544	0	<i>Anabaena</i>	1,500,000	2	<i>Coelosphaerium</i>	110,000	0
<i>Closteridium</i>	280,000	0	<i>Gomphosphaeria</i>	120,000	0	<i>Anabaena</i>	67,120	0	<i>Scenedesmus</i>	1,000,000	1	<i>Copepoda</i>	99,000	0
<i>Closterium</i>	260,000	0	<i>Ceratium</i>	99,000	0	<i>Naviculoid Diatom</i>	53,696	0	<i>Mougeotia</i>	1,000,000	1	<i>Chlorella</i>	99,000	0
<i>Scenedesmus</i>	94,000	0	<i>Anacystis</i>	99,000	0	<i>Pinnularia</i>	40,272	0	Total	1,608,200,000	1,608	<i>Closterium</i>	99,000	0
<i>Copepoda</i>	47,000	0	<i>Ankistrodesmus</i>	99,000	0	<i>Gleocystis</i>	13,424	0				<i>Ankistrodesmus</i>	55,000	0
<i>Navicula</i>	47,000	0	<i>Closterium</i>	79,000	0	<i>Fragilaria</i>	13,424	0				<i>Fragilaria</i>	44,000	0
<i>Synedra</i>	31,000	0	<i>Staurastrum</i>	60,000	0	Total	1,061,224,058	1,061				<i>Ceratium</i>	44,000	0
<i>Anacystis</i>	16,000	0	<i>Cymbella</i>	40,000	0							<i>Synedra</i>	33,000	0
<i>Gomphosphaeria</i>	16,000	0	<i>Nauplius</i>	40,000	0							<i>Nauplius</i>	33,000	0
<i>Epihemia</i>	16,000	0	<i>Mallomonas</i>	40,000	0							<i>Rotifera</i>	33,000	0
<i>Pinnularia</i>	16,000	0	<i>Tetraedron</i>	20,000	0							<i>Navicula</i>	33,000	0
Total	666,473,000	666	<i>Copepoda</i>	20,000	0							<i>Dinobryon</i>	33,000	0
			<i>Fragilaria</i>	20,000	0							<i>Polyblepharides</i>	22,000	0
			<i>Pinnularia</i>	20,000	0							<i>Staurastrum</i>	22,000	0
			<i>Actinastrum</i>	20,000	0							<i>Caloneis</i>	11,000	0
			Total	615,576,000	616							Total	344,770,000	345

Lake Merced South - Pistol Range

9-Aug-00			19-Dec-00			7-Mar-01			20-Jun-01			1-Oct-01		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,300,000,000	1,300	<i>Oscillatoria</i> (dil 10x)	400,000,000	400	<i>Oscillatoria</i>	520,000,000	520	<i>Oscillatoria</i>	840,000,000	840	<i>Oscillatoria</i>	1,300,000,000	1,300
<i>Anabaena</i>	5,500,000	6	<i>Mougeotia</i>	600,000	1	<i>Melosira</i>	3,800,000	4	<i>Anabaena</i>	6,800,000	7	<i>Anabaena</i>	8,600,000	9
<i>Melosira</i>	1,400,000	1	<i>Melosira</i>	490,000	0	<i>Closterium</i>	180,000	0	<i>Melosira</i>	2,200,000	2	<i>Melosira</i>	2,400,000	2
<i>Ankistrodesmus</i>	200,000	0	<i>Closterium</i>	330,000	0	<i>Anacystis</i>	140,000	0	<i>Stephanodiscus</i>	1,700,000	2	<i>Coelosphaerium</i>	240,000	0
<i>Coelosphaerium</i>	180,000	0	<i>Anacystis</i>	270,000	0	<i>Synedra</i>	120,000	0	<i>Cyclotella</i>	1,100,000	1	<i>Ankistrodesmus</i>	96,000	0
<i>Mougeotia</i>	160,000	0	<i>Coelosphaerium</i>	190,000	0	<i>Anabaena</i>	53,000	0	<i>Aphanizomenon</i>	1,100,000	1	<i>Closterium</i>	96,000	0
<i>Closteropsis</i>	130,000	0	<i>Anabaena</i>	120,000	0	Copepoda	35,000	0	<i>Dinobryon</i>	470,000	0	Rotifera	72,000	0
<i>Actinastrum</i>	110,000	0	<i>Pinnularia</i>	62,000	0	Nauplius	35,000	0	<i>Fragilaria</i>	420,000	0	<i>Ceratium</i>	72,000	0
<i>Synedra</i>	72,000	0	<i>Epithemia</i>	62,000	0	Rotifera	35,000	0	<i>Anacystis</i>	210,000	0	Copepoda	24,000	0
Copepoda	54,000	0	Copepoda	41,000	0	<i>Ankistrodesmus</i>	18,000	0	<i>Coelosphaerium</i>	150,000	0	<i>Scenedesmus</i>	24,000	0
<i>Scenedesmus</i>	18,000	0	Rotifera	41,000	0	Navicula	18,000	0	Rotifera	130,000	0	Total	1,311,624,000	1,312
<i>Amphora</i>	18,000	0	<i>Synedra</i>	41,000	0	<i>Cymbella</i>	18,000	0	Copepoda	95,000	0			
<i>Closterium</i>	18,000	0	Nauplius	21,000	0	<i>Cocconeis</i>	18,000	0	<i>Closterium</i>	95,000	0			
Total	1,307,860,000	1,308	<i>Ankistrodesmus</i>	21,000	0	Total	524,470,000	524	<i>Staurastrum</i>	76,000	0			
			Navicula	21,000	0				<i>Gloeocystis</i>	76,000	0			
			Total	402,310,000	402				Nauplius	57,000	0			
									<i>Kirchneriella</i>	38,000	0			
									<i>Synedra</i>	38,000	0			
									<i>Synedra</i>	38,000	0			
									<i>Ceratium</i>	19,000	0			
									<i>Epithemia</i>	19,000	0			
									<i>Tetraedron</i>	19,000	0			
									Total	854,850,000	855			

Lake Merced South - Pump Station

9-Aug-00			19-Dec-00			7-Mar-01			20-Jun-01			1-Oct-01		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,300,000,000	1,300	<i>Oscillatoria</i> (dil 10x)	450,000,000	450	<i>Oscillatoria</i>	570,000,000	570	<i>Oscillatoria</i> (dil 50:1)	870,000,000	870	<i>Oscillatoria</i>	990,000,000	990
<i>Anabaena</i>	7,300,000	7	<i>Melosira</i>	550,000	1	<i>Melosira</i>	4,000,000	4	<i>Anabaena</i>	3,000,000	3	<i>Melosira</i>	1,800,000	2
<i>Melosira</i>	1,300,000	1	<i>Mougeotia</i>	450,000	0	<i>Closterium</i>	190,000	0	<i>Melosira</i>	2,100,000	2	<i>Anabaena</i>	590,000	1
<i>Coelosphaerium</i>	270,000	0	Copepoda	130,000	0	<i>Synedra</i>	140,000	0	<i>Aphanizomenon</i>	650,000	1	<i>Dictyosphaerium</i>	540,000	1
<i>Ankistrodesmus</i>	200,000	0	<i>Anacystis</i>	130,000	0	<i>Scenedesmus</i>	85,000	0	<i>Fragilaria</i>	550,000	1	<i>Ankistrodesmus</i>	280,000	0
<i>Mougeotia</i>	98,000	0	<i>Coelosphaerium</i>	85,000	0	<i>Anacystis</i>	51,000	0	<i>Anacystis</i>	450,000	0	<i>Closterium</i>	240,000	0
<i>Synedra</i>	39,000	0	<i>Closterium</i>	85,000	0	<i>Ankistrodesmus</i>	51,000	0	<i>Dinobryon</i>	380,000	0	Rotifera	160,000	0
Copepoda	20,000	0	<i>Anabaena</i>	64,000	0	<i>Anabaena</i>	51,000	0	<i>Cyclotella</i>	280,000	0	<i>Cyclotella</i>	71,000	0
<i>Closteropsis</i>	20,000	0	Rotifera	43,000	0	Nauplius	51,000	0	<i>Coelosphaerium</i>	120,000	0	Copepoda	47,000	0
<i>Epithemia</i>	20,000	0	<i>Pinnularia</i>	43,000	0	<i>Fragilaria</i>	34,000	0	<i>Kirchneriella</i>	120,000	0	Nauplius	47,000	0
<i>Scenedesmus</i>	20,000	0	<i>Cymbella</i>	43,000	0	<i>Ophiocytium</i>	17,000	0	Copepoda	83,000	0	<i>Ophiocytium</i>	24,000	0
Nauplius	20,000	0	Navicula	43,000	0	<i>Epithemia</i>	17,000	0	Navicula	50,000	0	<i>Pinnularia</i>	24,000	0
<i>Ceratium</i>	20,000	0	<i>Epithemia</i>	43,000	0	<i>Coelosphaerium</i>	17,000	0	<i>Cymbella</i>	50,000	0	Total	993,823,000	994
Rotifera	20,000	0	<i>Synedra</i>	21,000	0	<i>Staurastrum</i>	17,000	0	<i>Closterium</i>	50,000	0			
<i>Chlorella</i>	20,000	0	<i>Ankistrodesmus</i>	21,000	0	Copepoda	17,000	0	<i>Ceratium</i>	33,000	0			
<i>Stephanodiscus</i>	20,000	0	Total	451,751,000	452	Total	574,738,000	575	<i>Staurastrum</i>	33,000	0			
<i>Staurastrum</i>	20,000	0							<i>Synedra</i>	17,000	0			
<i>Cymbella</i>	20,000	0							Nauplius	17,000	0			
Total	1,309,427,000	1,309							Rotifera	17,000	0			
									<i>Pinnularia</i>	17,000	0			
									<i>Gloeocystis</i>	17,000	0			
									<i>Amphora</i>	17,000	0			
									<i>Scenedesmus</i>	17,000	0			

Lake Merced South - Pistol Range

18-Dec-01			5-Mar-02			30-Apr-02			18-Jun-02			23-Aug-02		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	820,000,000	820	<i>Oscillatoria (50:1 dil)</i>	600,000,000	600	<i>Oscillatoria</i>	760,000,000	760	<i>Oscillatoria</i>	1,700,000,000	1,700	<i>Oscillatoria (50:1 dil)</i>	1,000,000,000	1,000
<i>Melosira</i>	4,000,000	4	<i>Anabaena</i>	1,000,000	1	<i>Melosira</i>	4,100,000	4	<i>Melosira</i>	7,300,000	7	<i>Anabaena</i>	12,000,000	12
<i>Closterium</i>	220,000	0	<i>Dinobryon</i>	400,000	0	<i>Anabaena</i>	2,600,000	3	<i>Anabaena</i>	1,600,000	2	<i>Melosira</i>	1,100,000	1
<i>Anabaena</i>	160,000	0	<i>Mougeotia</i>	360,000	0	<i>Closterium</i>	210,000	0	<i>Ankistrodesmus</i>	230,000	0	<i>Ankistrodesmus</i>	280,000	0
<i>Ankistrodesmus</i>	160,000	0	<i>Stephanodiscus</i>	130,000	0	<i>Ankistrodesmus</i>	170,000	0	<i>Closterium</i>	210,000	0	<i>Nauplius</i>	190,000	0
Copepoda	69,000	0	<i>Anacystis</i>	110,000	0	<i>Rotifera</i>	150,000	0	<i>Cyclotella</i>	150,000	0	<i>Closterium</i>	160,000	0
<i>Pinnularia</i>	69,000	0	<i>Rotifera</i>	95,000	0	Copepoda	58,000	0	<i>Rotifera</i>	130,000	0	<i>Stephanodiscus</i>	140,000	0
<i>Fragilaria</i>	52,000	0	<i>Synedra</i>	76,000	0	<i>Nauplius</i>	39,000	0	<i>Scenedesmus</i>	85,000	0	<i>Copepoda</i>	120,000	0
<i>Staurastrum</i>	34,000	0	<i>Nauplius</i>	76,000	0	<i>Dictyosphaerium</i>	39,000	0	<i>Copepoda</i>	85,000	0	<i>Diatoma</i>	92,000	0
<i>Synedra</i>	17,000	0	<i>Spirulina</i>	76,000	0	Total	767,366,000	767	<i>Cymbella</i>	64,000	0	<i>Coelosphaerium</i>	92,000	0
<i>Rotifera</i>	17,000	0	<i>Melosira</i>	38,000	0				<i>Nauplius</i>	64,000	0	<i>Navicula</i>	92,000	0
<i>Pediastrum</i>	17,000	0	<i>Fragilaria</i>	19,000	0				<i>Synedra</i>	42,000	0	<i>Rotifera</i>	69,000	0
<i>Scenedesmus</i>	17,000	0	<i>Navicula</i>	19,000	0				<i>Pinnularia</i>	21,000	0	<i>Scenedesmus</i>	69,000	0
Total	824,832,000	825	<i>Closterium</i>	19,000	0				<i>Staurastrum</i>	21,000	0	<i>Gloeoecystis</i>	69,000	0
			<i>Ankistrodesmus</i>	19,000	0				<i>Cladocera</i>	21,000	0	<i>Staurastrum</i>	46,000	0
			Total	602,437,000	602				Total	1,710,023,000	1,710	<i>Synedra</i>	46,000	0
												<i>Pinnularia</i>	46,000	0
												<i>Fragilaria</i>	23,000	0
												<i>Mallomonas</i>	23,000	0
												<i>Cladocera</i>	23,000	0
												<i>Dictyosphaerium</i>	23,000	0
												<i>Oedogonium</i>	23,000	0
												<i>Pediastrum</i>	23,000	0
												Total	1,014,749,000	1,015

Lake Merced South - Pump Station

18-Dec-01			5-Mar-02			30-Apr-02			18-Jun-02			23-Aug-02		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	960,000,000	960	<i>Oscillatoria</i>	600,000,000	600	<i>Oscillatoria</i>	900,000,000	900	<i>Oscillatoria</i>	2,500,000,000	2,500	<i>Oscillatoria (50:1 dil)</i>	930,000,000	930
<i>Melosira</i>	2,800,000	3	<i>Anabaena</i>	380,000	0	<i>Melosira</i>	6,900,000	7	<i>Melosira</i>	8,900,000	9	<i>Anabaena</i>	7,600,000	8
<i>Anabaena</i>	780,000	0	<i>Mougeotia</i>	380,000	0	<i>Anabaena</i>	3,700,000	4	<i>Ankistrodesmus</i>	510,000	0	<i>Melosira</i>	330,000	0
<i>Closterium</i>	98,000	0	<i>Dinobryon</i>	330,000	0	<i>Closteridium</i>	530,000	1	<i>Cyclotella</i>	400,000	0	<i>Mougeotia</i>	130,000	0
Copepoda	49,000	0	<i>Melosira</i>	180,000	0	<i>Rotifera</i>	100,000	0	<i>Anabaena</i>	280,000	0	<i>Coelosphaerium</i>	100,000	0
<i>Epithemia</i>	49,000	0	<i>Rotifera</i>	160,000	0	<i>Ankistrodesmus</i>	100,000	0	<i>Staurastrum</i>	260,000	0	<i>Stephanodiscus</i>	83,000	0
<i>Ankistrodesmus</i>	33,000	0	<i>Coelosphaerium</i>	130,000	0	<i>Nauplius</i>	79,000	0	<i>Closterium</i>	230,000	0	<i>Synedra</i>	67,000	0
<i>Staurastrum</i>	33,000	0	<i>Stephanodiscus</i>	120,000	0	<i>Synedra</i>	26,000	0	<i>Copepoda</i>	170,000	0	<i>Nauplius</i>	67,000	0
<i>Fragilaria</i>	16,000	0	<i>Nauplius</i>	82,000	0	Copepoda	26,000	0	<i>Rotifera</i>	140,000	0	<i>Scenedesmus</i>	50,000	0
<i>Nauplius</i>	16,000	0	<i>Closterium</i>	82,000	0	<i>Staurastrum</i>	26,000	0	<i>Scenedesmus</i>	110,000	0	<i>Ankistrodesmus</i>	50,000	0
<i>Rotifera</i>	16,000	0	<i>Anacystis</i>	66,000	0	Total	911,487,000	911	<i>Cymbella</i>	57,000	0	<i>Diatoma</i>	50,000	0
Total	963,890,000	964	<i>Spirulina</i>	66,000	0				<i>Cladocera</i>	57,000	0	<i>Copepoda</i>	33,000	0
			<i>Ankistrodesmus</i>	49,000	0				<i>Pinnularia</i>	28,000	0	<i>Rotifera</i>	33,000	0
			<i>Kirchneriella</i>	33,000	0				Total	2,511,142,000	2,511	<i>Closterium</i>	33,000	0
			<i>Fragilaria</i>	16,000	0							<i>Sphaerocystis</i>	33,000	0
			<i>Mallomonas</i>	16,000	0							<i>Euglena</i>	33,000	0
			<i>Copepoda</i>	16,000	0							<i>Ceratium</i>	17,000	0
			Total	602,106,000	602							<i>Anacystis</i>	17,000	0
												<i>Navicula</i>	17,000	0
												<i>Tetraedron</i>	17,000	0
												<i>Ophiocytium</i>	17,000	0
												Total	938,777,000	939

Lake Merced South - Pistol Range

23-Oct-02			11-Feb-03			14-May-03			15-Jul-03			30-Sep-03		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	930,000,000	930	<i>Oscillatoria</i>	1,100,000,000	1,100	<i>Oscillatoria</i>	1,200,000,000	1,200	<i>Oscillatoria</i>	1,300,000,000	1,300	<i>Oscillatoria</i>	1,100,000,000	1,100
<i>Anabaena</i>	2,600,000	3	<i>Melosira</i>	3,100,000	3	<i>Melosira</i>	8,400,000	8	<i>Anabaena</i>	3,800,000	4	<i>Anabaena</i>	4,100,000	4
<i>Melosira</i>	780,000	1	<i>Closterium</i>	250,000	0	<i>Closterium</i>	490,000	0	<i>Melosira</i>	1,900,000	2	<i>Melosira</i>	190,000	0
Nauplius	280,000	0	Rotifera	130,000	0	<i>Synedra</i>	380,000	0	Copepoda	110,000	0	<i>Ceratum</i>	160,000	0
Rotifera	87,000	0	Copepoda	100,000	0	<i>Ankistrodesmus</i>	380,000	0	<i>Closterium</i>	61,000	0	<i>Closterium</i>	160,000	0
<i>Closterium</i>	65,000	0	<i>Cyclotella</i>	100,000	0	Rotifera	220,000	0	Nauplius	46,000	0	Copepoda	160,000	0
<i>Epithemia</i>	43,000	0	<i>Cymbella</i>	51,000	0	<i>Scenedesmus</i>	160,000	0	<i>Cymbella</i>	46,000	0	Rotifera	130,000	0
<i>Synedra</i>	22,000	0	Nauplius	25,000	0	Nauplius	82,000	0	Rotifera	30,000	0	Nauplius	53,000	0
Copepoda	22,000	0	<i>Synedra</i>	25,000	0	<i>Staurastrum</i>	55,000	0	<i>Staurastrum</i>	15,000	0	<i>Epithemia</i>	27,000	0
<i>Ankistrodesmus</i>	22,000	0	<i>Scenedesmus</i>	25,000	0	<i>Anabaena</i>	55,000	0	<i>Cyclotella</i>	15,000	0	Total	1,104,980,000	1,105
<i>Scenedesmus</i>	22,000	0	<i>Ankistrodesmus</i>	25,000	0	<i>Asterionella</i>	27,000	0	Total	1,306,023,000	1,306			
<i>Pinnularia</i>	22,000	0	Total	1,103,831,000	1,104	<i>Epithemia</i>	27,000	0						
Total	933,965,000	934				<i>Ceratum</i>	27,000	0						
						Copepoda	27,000	0						
						Total	1,210,330,000	1,210						

Lake Merced South - Pump Station

23-Oct-02			11-Feb-03			14-May-03			15-Jul-03			30-Sep-03		
Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL	Organism	No./m ³	No./mL
<i>Oscillatoria</i>	1,100,000,000	1,100	<i>Oscillatoria</i>	1,100,000,000	1,100	<i>Oscillatoria</i>	980,000,000	980	<i>Oscillatoria</i>	700,000,000	700	<i>Oscillatoria</i>	550,000,000	550
<i>Anabaena</i>	4,800,000	5	<i>Melosira</i>	3,300,000	3	<i>Melosira</i>	5,200,000	5	<i>Anabaena</i>	7,400,000	7	<i>Anabaena</i>	3,800,000	4
<i>Melosira</i>	370,000	0	<i>Closterium</i>	160,000	0	<i>Anabaena</i>	320,000	0	<i>Melosira</i>	1,800,000	2	<i>Melosira</i>	430,000	0
Rotifera	110,000	0	Rotifera	110,000	0	<i>Ankistrodesmus</i>	230,000	0	<i>Ankistrodesmus</i>	75,000	0	<i>Ceratum</i>	220,000	0
<i>Ankistrodesmus</i>	65,000	0	<i>Cyclotella</i>	90,000	0	<i>Synedra</i>	110,000	0	<i>Closterium</i>	56,000	0	Rotifera	220,000	0
<i>Cyclotella</i>	43,000	0	Nauplius	45,000	0	Rotifera	85,000	0	Copepoda	56,000	0	Nauplius	140,000	0
Nauplius	43,000	0	<i>Ankistrodesmus</i>	45,000	0	Copepoda	64,000	0	<i>Staurastrum</i>	37,000	0	<i>Closterium</i>	68,000	0
<i>Closterium</i>	43,000	0	<i>Cymbella</i>	45,000	0	Nauplius	21,000	0	<i>Synedra</i>	37,000	0	0	45,000	0
<i>Staurastrum</i>	22,000	0	<i>Scenedesmus</i>	45,000	0	<i>Staurastrum</i>	21,000	0	<i>Cymbella</i>	19,000	0	<i>Synedra</i>	22,000	0
Copepoda	22,000	0	<i>Synedra</i>	45,000	0	<i>Staurastrum</i>	21,000	0	Cladocera	19,000	0	Total	554,945,000	555
<i>Epithemia</i>	22,000	0	<i>Anabaena</i>	23,000	0	<i>Scenedesmus</i>	21,000	0	Nauplius	19,000	0			
<i>Ceratum</i>	22,000	0	<i>Staurastrum</i>	23,000	0	Total	986,072,000	986	<i>Cyclotella</i>	19,000	0			
Total	1,105,562,000	1,106	Copepoda	23,000	0				Total	709,537,000	710			
			<i>Ophiocyllum</i>	23,000	0									
			Total	1,103,977,000	1,104									

Lake Merced South - Pistol Range

2-Dec-03			27-May-04		29-Aug-04		27-Oct-04		9-Dec-04		9-Feb-05		18-Apr-05	
Organism	No./m ³	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
Oscillatoria	660,000,000	660	Oscillatoria	505	Oscillatoria	1600	Oscillatoria	2100	Oscillatoria	1400	Oscillatoria	910	Oscillatoria	630
Anabaena	540,000	0	Melosira	1.3	Anabaena	1.1	Anabaena	4.7	Melosira	0.33	Melosira	0.92	Melosira	5.4
Fragilaria	670,000	0	Anabaena	1.1	Melosira	1.1	Melosira	1.2	Anabaena	0.14	Anabaena	0.19	Anabaena	5.3
Mougeotia	200,000	0	Stephanodiscus	0.35	Copepoda	0.078	Ceratium	0.12	Closterium	0.094	Closterium	0.12	Asterionella	1
Ankistrodesmus	98,000	0	Closterium	0.24	Closterium	0.078	Rotifera	0.094	Copepoda	0.07	Coelosphaerium	0.073	Closterium	0.55
Nauplius	74,000	0	Ankistrodesmus	0.11	Rotifera	0.026	Fragilaria	0.031	Rotifera	0.047	Asterionella	0.033	Synedra	0.26
Coelosphaerium	74,000	0	Pennate Diatom	0.11	Ankistrodesmus	0.026	Coelosphaerium	0.031	Coelosphaerium	0.024	Nauplius	0.024	Rotifera	0.16
Closterium	74,000	0	Synedra	0.089	Nauplius	0.026	Scenedesmus	0.031	Nauplius	0.024	Rotifera	0.024	Ankistrodesmus	0.065
Rotifera	49,000	0	Scenedesmus	0.089	Total	1612.334	Closterium	0.031	Total	1400.729	Total	0.024	Nauplius	0.032
Melosira	49,000	0	Coelosphaerium	0.067			Synedra	0.031			Total	911.448	Epithemia	0.032
Cyclotella	49,000	0	Tetraedron	0.067			Nauplius	0.031					Copepoda	0.032
Ceratium	25,000	0	Staurastrum	0.044			Total	2106.3					Total	642.831
Synedra	25,000	0	Copepoda	0.044										
Cladocera	25,000	0	Nauplius	0.044										
Pennate Diatom	25,000	0	Rotifera	0.044										
Total	661,977,000	662	Anacystis	0.044										
			Dinobryon	0.022										
			Asterionella	0.022										
			Total	508.766										

Lake Merced South - Pump Station

2-Dec-03			27-May-04		29-Aug-04		27-Oct-04		9-Dec-04		9-Feb-05		18-Apr-05	
Organism	No./m ³	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
Oscillatoria	700,000,000	700	Oscillatoria (10:1)	440	Oscillatoria	1400	Oscillatoria	1900	Oscillatoria	850	Oscillatoria	1200	Oscillatoria	500
Anabaena	250,000	0	Melosira	0.92	Anabaena	1.6	Anabaena	3	Melosira	0.27	Melosira	1.2	Melosira	4.5
Mougeotia	250,000	0	Anabaena	0.9	Melosira	1.3	Melosira	0.81	Closterium	0.11	Anabaena	0.17	Anabaena	2.8
Melosira	250,000	0	Stephanodiscus	0.26	Ankistrodesmus	0.12	Ceratium	0.21	Anabaena	0.08	Synedra	0.11	Asterionella	0.42
Ankistrodesmus	230,000	0	Closterium	0.13	Rotifera	0.093	Rotifera	0.12	Coelosphaerium	0.027	Coelosphaerium	0.083	Closterium	0.29
Fragilaria	140,000	0	Copepoda	0.084	Ceratium	0.093	Closterium	0.09	Copepoda	0.027	Nauplius	0.083	Synedra	0.13
Nauplius	91,000	0	Rotifera	0.084	Closterium	0.07	Ankistrodesmus	0.06	Cymbella	0.027	Rotifera	0.055	Rotifera	0.032
Closterium	91,000	0	Anacystis	0.064	Synedra	0.023	Staurastrum	0.03	Total	850.541	Copepoda	0.055	Copepoda	0.016
Ankistrodesmus	68,000	0	Dinobryon	0.043	Total	1403.299	Copepoda	0.03			Closterium	0.055	Epithemia	0.016
Cladocera	23,000	0	Synedra	0.043			Stephanodiscus	0.03			Ankistrodesmus	0.028	Coelosphaerium	0.016
Copepoda	23,000	0	Nauplius	0.043			Total	1904.38			Scenedesmus	0.028	Total	508.22
Rotifera	23,000	0	Coelosphaerium	0.043							Total	1201.867		
Xanthium	23,000	0	Pennate Diatom	0.043										
Pennate Diatom	23,000	0	Tetraedron	0.043										
Cyclotella	23,000	0	Scenedesmus	0.043										
Total	701,508,000	702	Staurastrum	0.021										
			Ankistrodesmus	0.021										
			Spirogyra	0.021										
			Total	442.766										

Lake Merced South - Pistol Range

23-Jun-05		17-Aug-05		28-Sep-05		31-Oct-05		29-Nov-05		29-Dec-05		23-Jan-06		1-Mar-06		
Organism	No./mL	Organism	No./m3	Organism	No./mL	Organism	No./m3	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria (20:1 dil)</i>	580	<i>Oscillatoria</i>	410	<i>Oscillatoria</i>	620	<i>Oscillatoria</i>	870,000,000	870	<i>Oscillatoria</i>	840	<i>Oscillatoria</i>	1100	<i>Oscillatoria</i>	940	<i>Oscillatoria</i>	830
<i>Anabaena</i>	25	<i>Melosira</i>	16	<i>Anabaena</i>	12	<i>Anabaena</i>	5,700,000	6	<i>Melosira</i>	11						
<i>Aphanizomenon</i>	13	<i>Anabaena</i>	3.5	<i>Copepod</i>	0.59	<i>Rotifera</i>	170,000	0.17	<i>Anabaena</i>	3						
<i>Melosira</i>	0.41	<i>Nauplius</i>	0.32	<i>Nauplius</i>	0.39	<i>Nauplius</i>	83,000	0.08	<i>Copepoda</i>	0.082						
<i>Stephanodiscus</i>	0.22	<i>Ceratium</i>	0.065	<i>Melosira</i>	0.28	<i>Ceratium</i>	63,000	0.06	<i>Closterium</i>	0.055						
<i>Coelosphaerium</i>	0.12	<i>Ankistrodesmus</i>	0.43	<i>Ceratium</i>	0.19	<i>Copepod</i>	21,000	0.02	<i>Ankistrodesmus</i>	0.028						
<i>Ceratium</i>	0.059	<i>Nauplius</i>	0.043	<i>Pediastrum</i>	0.095	Total	876,078,988	876	<i>Asterionella</i>	0.028						
<i>Closterium</i>	0.059	<i>Copepoda</i>	0.022	Total	634				Total	854						
<i>Mallomonas</i>	0.039	Total	429.993													
<i>Nauplius</i>	0.039															
<i>Scenedesmus</i>	0.039															
<i>Fragilaria</i>	0.039															
<i>Asterionella</i>	0.039															
<i>Cladocera</i>	0.02															
<i>Copepoda</i>	0.02															
<i>Rotifera</i>	0.02															
<i>Staurastrum</i>	0.02															
<i>Synedra</i>	0.02															
Total	619.2															

Lake Merced South - Pump Station

23-Jun-05		17-Aug-05		28-Sep-05		31-Oct-05		29-Nov-05		29-Dec-05		23-Jan-06		1-Mar-06		
Organism	No./mL	Organism	No./m3	Organism	No./mL	Organism	No./m3	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	
<i>Oscillatoria (20:1 dil)</i>	651.8251425	<i>Oscillatoria</i>	700	<i>Oscillatoria</i>	590	<i>Oscillatoria</i>	810		<i>Oscillatoria</i>	980	<i>Oscillatoria</i>	1200	<i>Oscillatoria</i>	1000	<i>Oscillatoria</i>	850
<i>Anabaena</i>	25.5122959	<i>Melosira</i>	18	<i>Anabaena</i>	6.5	<i>Anacystis</i>	140		<i>Melosira</i>	10						
<i>Aphanizomenon</i>	16.42412456	<i>Anabaena</i>	4	<i>Nauplius</i>	0.16	<i>Melosira</i>	11		<i>Anabaena</i>	3.4						
<i>Melosira</i>	0.350443625	<i>Ceratium</i>	0.28	<i>Ceratium</i>	0.16	<i>Anabaena</i>	8.1		<i>Closterium</i>	0.1						
<i>Stephanodiscus</i>	0.186903267	<i>Closterium</i>	0.17	<i>Copepoda</i>	0.082	<i>Closterium</i>	0.4		<i>Nauplius</i>	0.05						
<i>Cyclotella</i>	0.163540358	<i>Copepoda</i>	0.087	<i>Melosira</i>	0.082	<i>Stephanodiscus</i>	0.06		<i>Asterionella</i>	0.025						
<i>Ceratium</i>	0.14017745	<i>Rotifera</i>	0.065	Total	597	<i>Rotifera</i>	0.04		<i>Epithemia</i>	0.025						
<i>Nauplius</i>	0.070088725	<i>Ankistrodesmus</i>	0.065			<i>Epithemia</i>	0.04		<i>Coelosphaerium</i>	0.025						
<i>Rotifera</i>	0.070088725	<i>Stephanodiscus</i>	0.043			<i>Copepoda</i>	0.04		<i>Ankistrodesmus</i>	0.025						
<i>Coelosphaerium</i>	0.070088725	<i>Coelosphaerium</i>	0.022			<i>Ophioctylum</i>	0.02		Total	994						
<i>Fragilaria</i>	0.046725817	<i>Asterionella</i>	0.022			<i>Nauplius</i>	0.02									
<i>Copepoda</i>	0.046725817	<i>Nauplius</i>	0.022			Total	969.72									
<i>Navicula</i>	0.046725817	<i>Epithemia</i>	0.022													
<i>Dinobryon</i>	0.023362908	Total	722.798													
<i>Cladocera</i>	0.023362908															
<i>Closterium</i>	0.023362908															
<i>Pinnularia</i>	0.023362908															
<i>Scenedesmus</i>	0.023362908															
Total	695.0698858															

Lake Merced South - Pistol Range

26-Apr-06		14-Jun-06		24-Aug-06		25-Oct-06		20-Dec-06		29-Mar-07		26-Jun-07		20-Aug-07		27-Dec-07		28-Mar-08	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	1200	<i>Oscillatoria</i>	1300	<i>Oscillatoria</i>	1,000	<i>Oscillatoria</i>	1,700	<i>Oscillatoria</i>	840	<i>Oscillatoria</i>	430	<i>Oscillatoria</i>	510	<i>Oscillatoria</i>	790	<i>Oscillatoria</i>	630	<i>Oscillatoria</i>	35
<i>Melosira</i>	36	<i>Anabaena</i>	3.8																
<i>Synedra</i>	9.0	<i>Melosira</i>	2.5																
<i>Asterionella</i>	6.4	Total	1306.3																
<i>Anabaena</i>	6.4																		
<i>Closterium</i>	3.9																		
<i>Fragilaria</i>	1.3																		
Total	1263																		

Lake Merced South - Pump Station

26-Apr-06		14-Jun-06		24-Aug-06		25-Oct-06		20-Dec-06		29-Mar-07		26-Jun-07		20-Aug-07		27-Dec-07		28-Mar-08	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	970	<i>Oscillatoria</i>	730	<i>Oscillatoria</i>	1200	<i>Oscillatoria</i>	1,700	<i>Oscillatoria</i>	1000	<i>Oscillatoria</i>	400	<i>Oscillatoria</i>	550	NA	<i>Oscillatoria</i>	740	<i>Oscillatoria</i>	6.3	
<i>Melosira</i>	44	<i>Anabaena</i>	3.4																
<i>Anabaena</i>	14	<i>Melosira</i>	2.3																
<i>Synedra</i>	6.4	Total	736																
<i>Asterionella</i>	4.8																		
<i>Closterium</i>	3.2																		
Total	1042																		

Lake Merced South - Pistol Range

10-Jun-08		24-Sep-08		4-Dec-08		24-Mar-09		4-Jun-09		22-Sep-09		15-Dec-09	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	35	<i>Oscillatoria</i>	52	<i>Oscillatoria</i>	76	<i>Oscillatoria</i>	320	<i>Oscillatoria</i>	630	<i>Oscillatoria</i>	1800	<i>Oscillatoria</i>	910

Lake Merced South - Pump Station

10-Jun-08		24-Sep-08		4-Dec-08		24-Mar-09		4-Jun-09		22-Sep-09		15-Dec-09	
Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL	Organism	No./mL
<i>Oscillatoria</i>	17	<i>Oscillatoria</i>	54	<i>Oscillatoria</i>	340	<i>Oscillatoria</i>	430	<i>Oscillatoria</i>	750	<i>Oscillatoria</i>	1500	<i>Oscillatoria</i>	850

Appendix K

Lake Merced

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02
Secchi Disc																			
Depth (feet)	2.0	1.2	1.5	2.0	1.0	1.0	2.0		1.0	1.0	1.5	1.0	1.0	1.0	1.5	1.0	1.0	1.0	2.0

Lake Merced North

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02
Secchi Disc																			
Depth (feet)	2.5		3.3	2.0	1.5	1.5	1.0		1.0	1.0	1.2	1.5	1.5	1.0	1.0	1.0	1.0	1.0	2.0

Lake Merced

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02
Secchi Disc																			
Depth (feet)	1.7	1.0	1.5	2.0	2.5	1.5	2.5	1.5	1.0	1.0	1.4	1.5	1.5	2.5	2.5	1.0	1.0	1.5	2.5

Lake Merced

	15-May-97	10-Sep-97	3-Dec-97	16-Mar-98	8-Jul-98	23-Sep-98	17-Mar-99	21-Jun-99	15-Sep-99	8-Dec-99	21-Mar-00	21-Jun-00	9-Aug-00	19-Dec-00	7-Mar-01	20-Jun-01	1-Oct-01	18-Dec-01	5-Mar-02
Secchi Disc																			
Depth (feet)	1.7	1.0	1.5	2.0	2.5	1.5	2.5	1.5	1.0	1.0	1.8	1.5	1.5	2.0	2.5	1.0	1.0	1.5	2.0

Appendix K

Lake Merced

Secchi Disc	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05
Depth (feet)	1.0	1.0	1.0	1.5	1.0	1.0	1.0		1.0	7.0	2.5	2.0	5.0	4.5	10.0		2.0	1.5	2.0	2.0

Lake Merced North

Secchi Disc	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05
Depth (feet)	1.0	1.0	1.0	1.5	1.0	1.5	1.5	1.5	1.0	2.5	1.5	2.5	2.0	2.5	2.0		1.5	1.5	2.0	2.0

Lake Merced

Secchi Disc	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05
Depth (feet)	2.0	1.5	2.0	2.0	1.5	1.5	1.5	2.0	1.5	2.5	1.5	1.5	2.0	2.5	3.0	1.5	2.0	2.0	2.0	2.0

Lake Merced

Secchi Disc	30-Apr-02	18-Jun-02	23-Aug-02	23-Oct-02	11-Feb-03	14-May-03	15-Jul-03	30-Sep-03	2-Dec-03	27-May-04	29-Aug-04	27-Oct-04	9-Dec-04	9-Feb-05	18-Apr-05	23-Jun-05	17-Aug-05	28-Sep-05	31-Oct-05	29-Nov-05
Depth (feet)	2.0	1.5	2.0	1.5	1.5	2.0	1.5	1.5	2.0	2.5	1.3	1.5	2.0	2.5	3.0	1.5	2.5	2.0	1.5	2.0

Lake Merced

North	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Secchi Disc																				
Depth (feet)	2.5	2.5	3.0		1.5	1.0	1.5	1.0	1.5	1.0	0.5	1.5	2.5	1.0	0.8	2.0	2.0	1.3	1.0	1.5

Lake Merced North

East	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Secchi Disc																				
Depth (feet)	1.5	1.5	1.5	6.5	1.5	1.0	1.5	1.5	1.5	1.0	0.5	2.5	3.0	1.0	0.5	2.0	2.0	1.5	1.0	1.5

Lake Merced

South - Pistol Range	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Secchi Disc																				
Depth (feet)	2.0	2.0	2.0	2.0	1.5	1.5	1.5	2.5	2.5	1.5	1.5	2.0	3.0	2.0	1.2	1.8	2.5	2.0	1.3	2.0

Lake Merced

South - Pump Station	29-Dec-05	23-Jan-06	1-Mar-06	26-Apr-06	14-Jun-06	24-Aug-06	25-Oct-06	20-Dec-06	29-Mar-07	26-Jun-07	20-Aug-07	27-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09	15-Dec-09
Secchi Disc																				
Depth (feet)	2.0	2.0	2.0	2.0	1.5	1.5	1.5	2.5	2.5	1.5	1.5	2.0	3.0	2.0	1.0	1.5	2.5	2.0	1.3	2.0

Lake Merced North

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	Br	Br	Br	Br
Ft	mg/L	mg/L	mg/L	mg/L
Surf	0.43	0.54	0.52	0.42
5	0.43	0.54	0.54	0.42
10	0.44	0.54	0.51	0.42
15	0.42	0.53	0.53	0.42

Lake Merced North East

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	Br	Br	Br	Br
Ft	mg/L	mg/L	mg/L	mg/L
0	0.39		0.49	0.35
5	0.39		0.48	0.35
10	0.38		0.48	0.35

Lake Merced South - Pistol Range

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	Br	Br	Br	Br
Ft	mg/L	mg/L	mg/L	mg/L
Surf	0.23	0.26	0.34	0.26
5	0.23	0.28	0.34	
6				0.26
10	0.23	0.29	0.33	
12				0.26
15	0.23	0.29	0.33	
16	0.22	0.32		
18				0.26

Lake Merced South - Pump Station

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	Br	Br	Br	Br
Ft	mg/L	mg/L	mg/L	mg/L
Surf	0.23	0.28	0.34	0.26
5	0.23	0.29	0.34	0.26
10	0.22	0.28	0.33	
12				0.26
15	0.23	0.26	0.33	
18				0.26

Lake Merced North

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	SO4	SO4	SO4	SO4
Ft	mg/L	mg/L	mg/L	mg/L
Surf	22	16	13	16
5	22	16	13	16
10	22	16	13	16
15	22	15	13	16

Lake Merced North East

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	SO4	SO4	SO4	SO4
Ft	mg/L	mg/L	mg/L	mg/L
0	30		23	26
5	30		23	26
10	30		22	26

Lake Merced South - Pistol Range

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	SO4	SO4	SO4	SO4
Ft	mg/L	mg/L	mg/L	mg/L
Surf	11	7.1	7.4	16
5	11	7.1	7.5	
6				16
10	11	6.8	7.5	
12				16
15	11	6.4	7.4	
16	11	6.4		
18				16

Lake Merced South - Pump Station

15-May-97 10-Sep-97 03-Dec-97 16-Mar-98

Depth	SO4	SO4	SO4	SO4
Ft	mg/L	mg/L	mg/L	mg/L
Surf	11	7.0	7.6	16
5	11	6.9	7.5	16
10	11	6.8	7.6	
12				16
15	11	6.5	7.6	
18				16

Lake Merced North

	26-Jun-07	20-Aug-07	26-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09
Depth	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Surf	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>
Btm	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>

Lake Merced North East

	26-Jun-07	20-Aug-07	26-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09
Depth	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Surf	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>
Btm	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>		<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>

Lake Merced South - Pistol Range

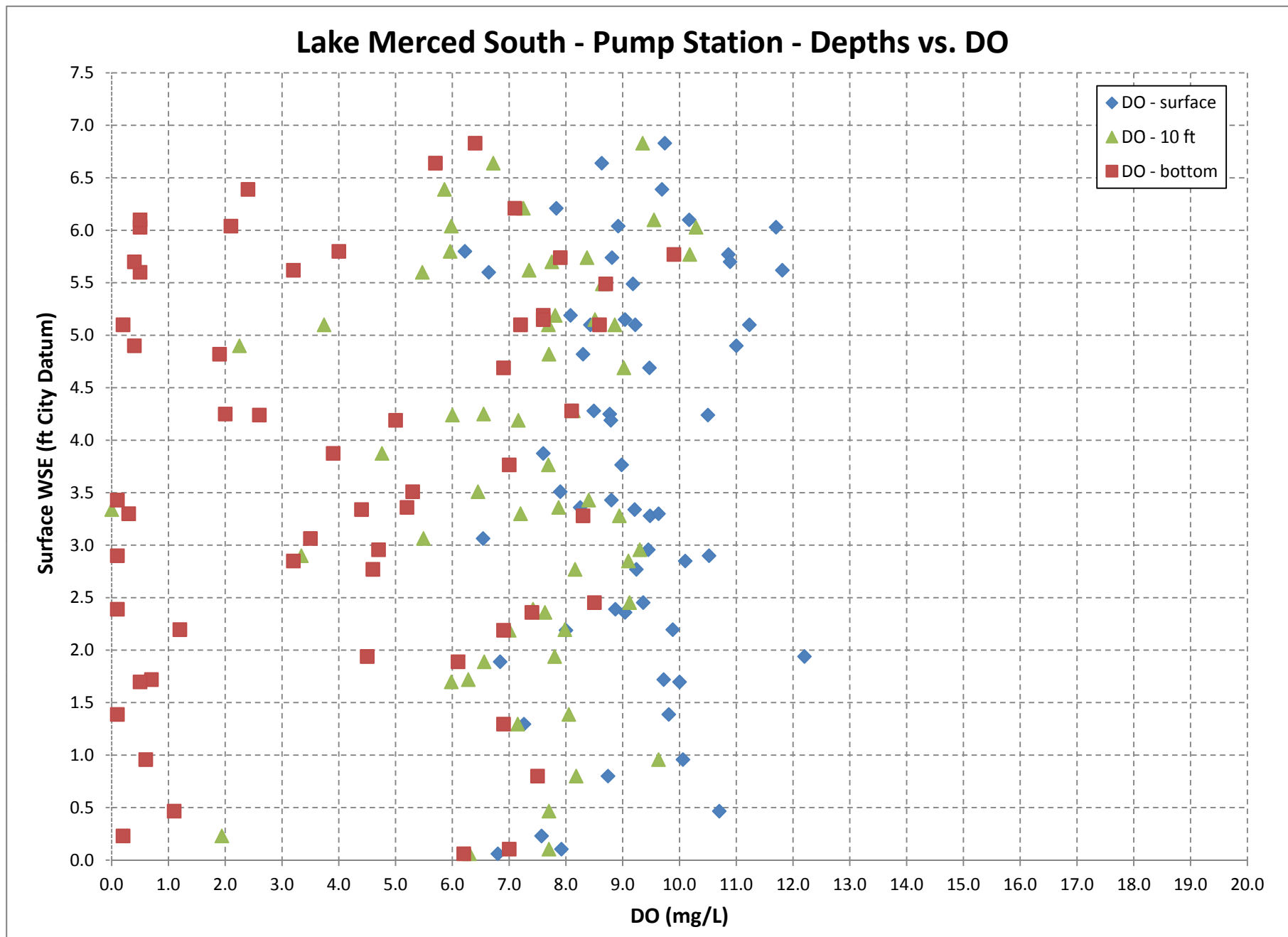
	26-Jun-07	20-Aug-07	26-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09
Depth	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Surf	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>
Btm		<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	1.42	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>

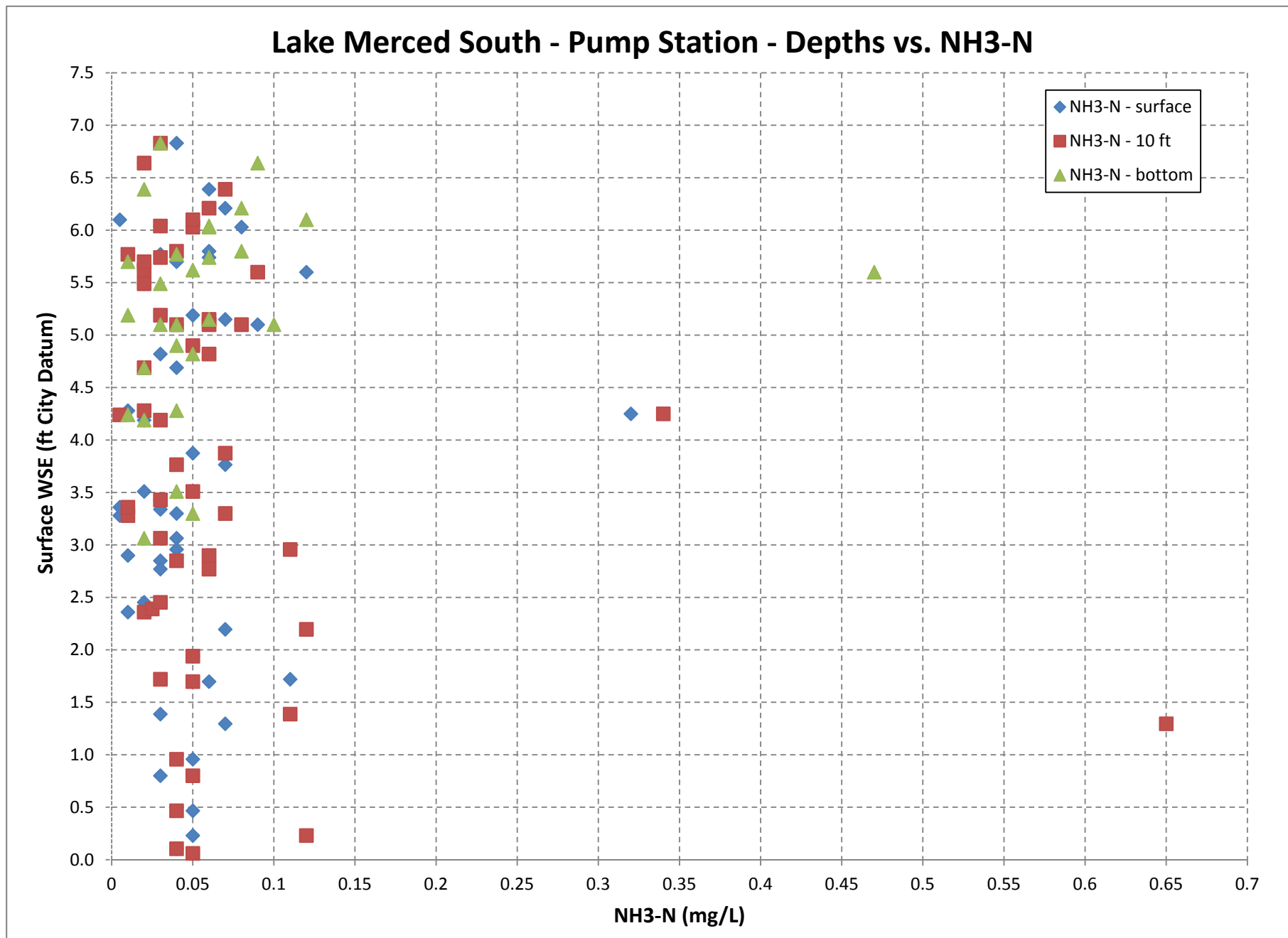
Lake Merced South - Pump Station

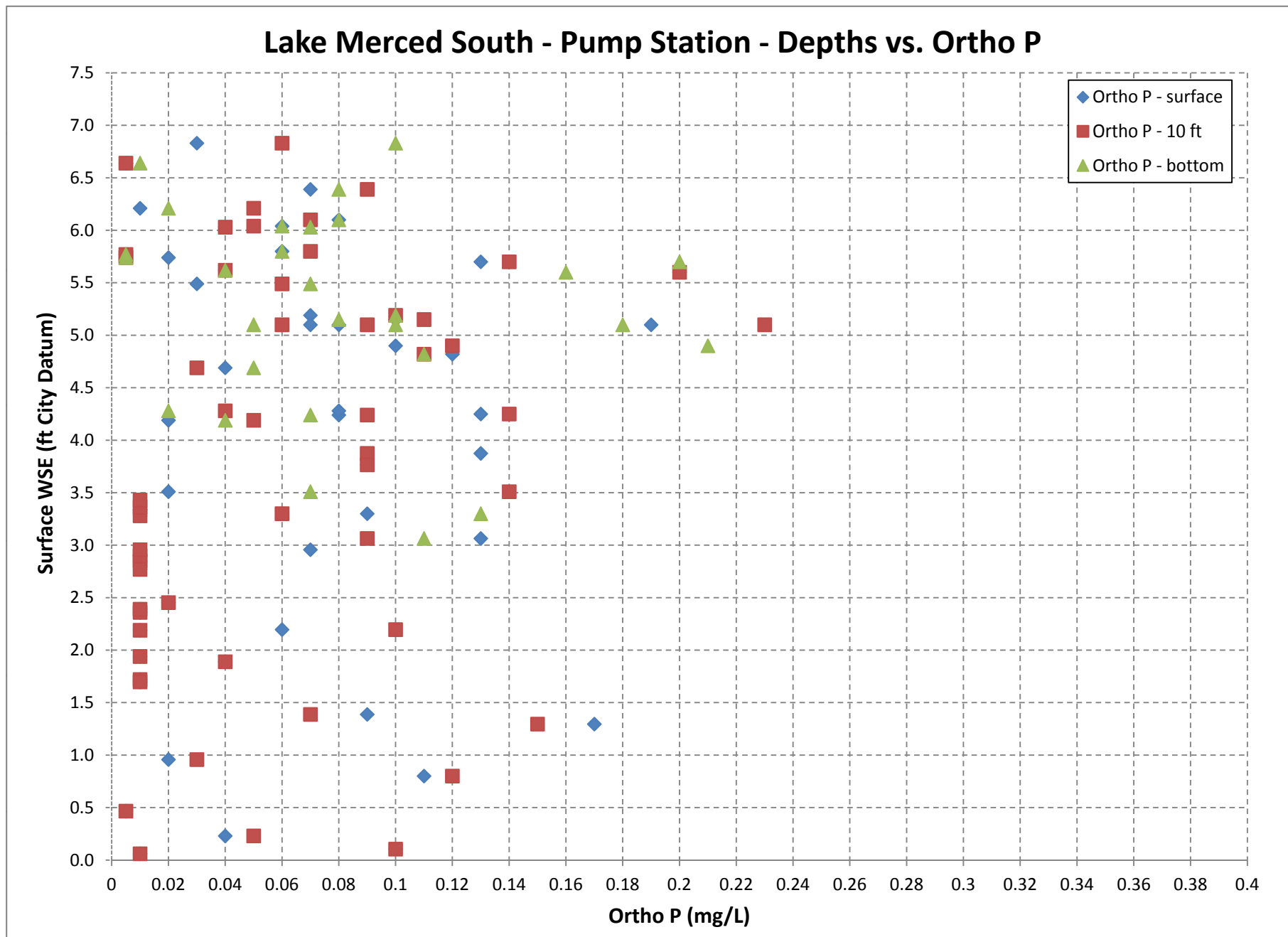
	26-Jun-07	20-Aug-07	26-Dec-07	28-Mar-08	10-Jun-08	24-Sep-08	4-Dec-08	24-Mar-09	4-Jun-09	22-Sep-09
Depth	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Surf	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>
Btm	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>

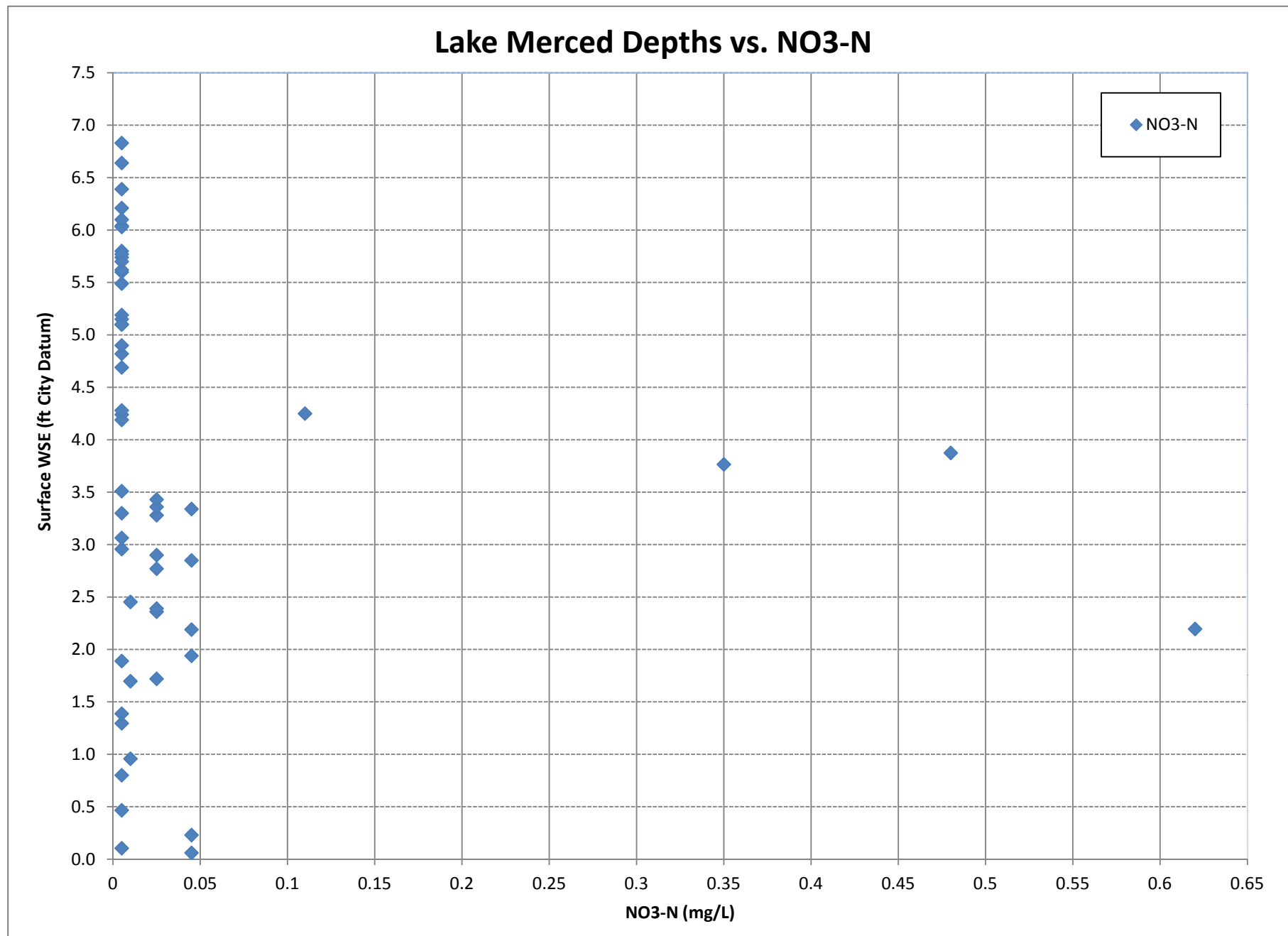
Note: Bold, italicized formats indicate half the reported value for statistical purposes.

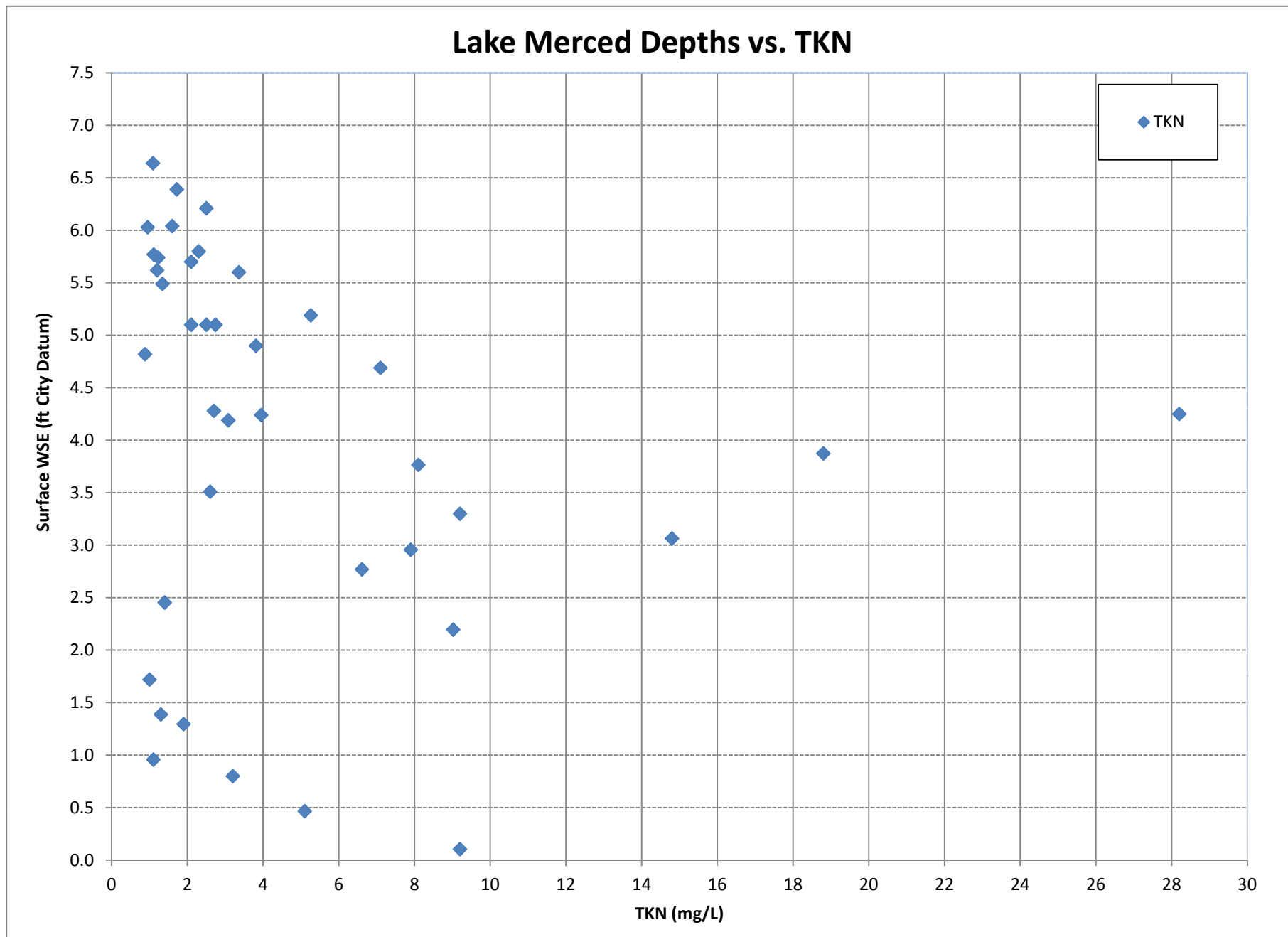
WATER QUALITY GRAPHS

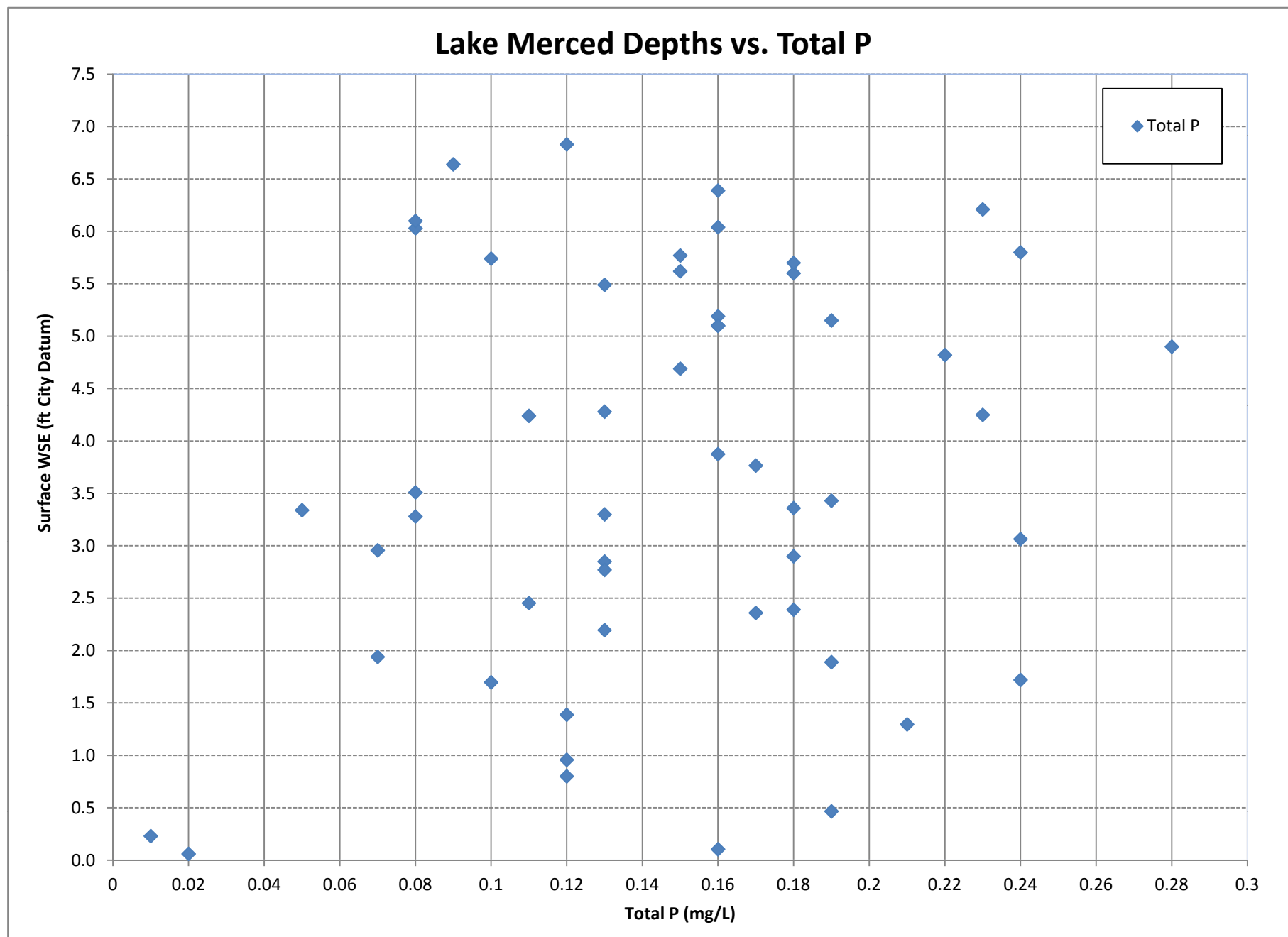




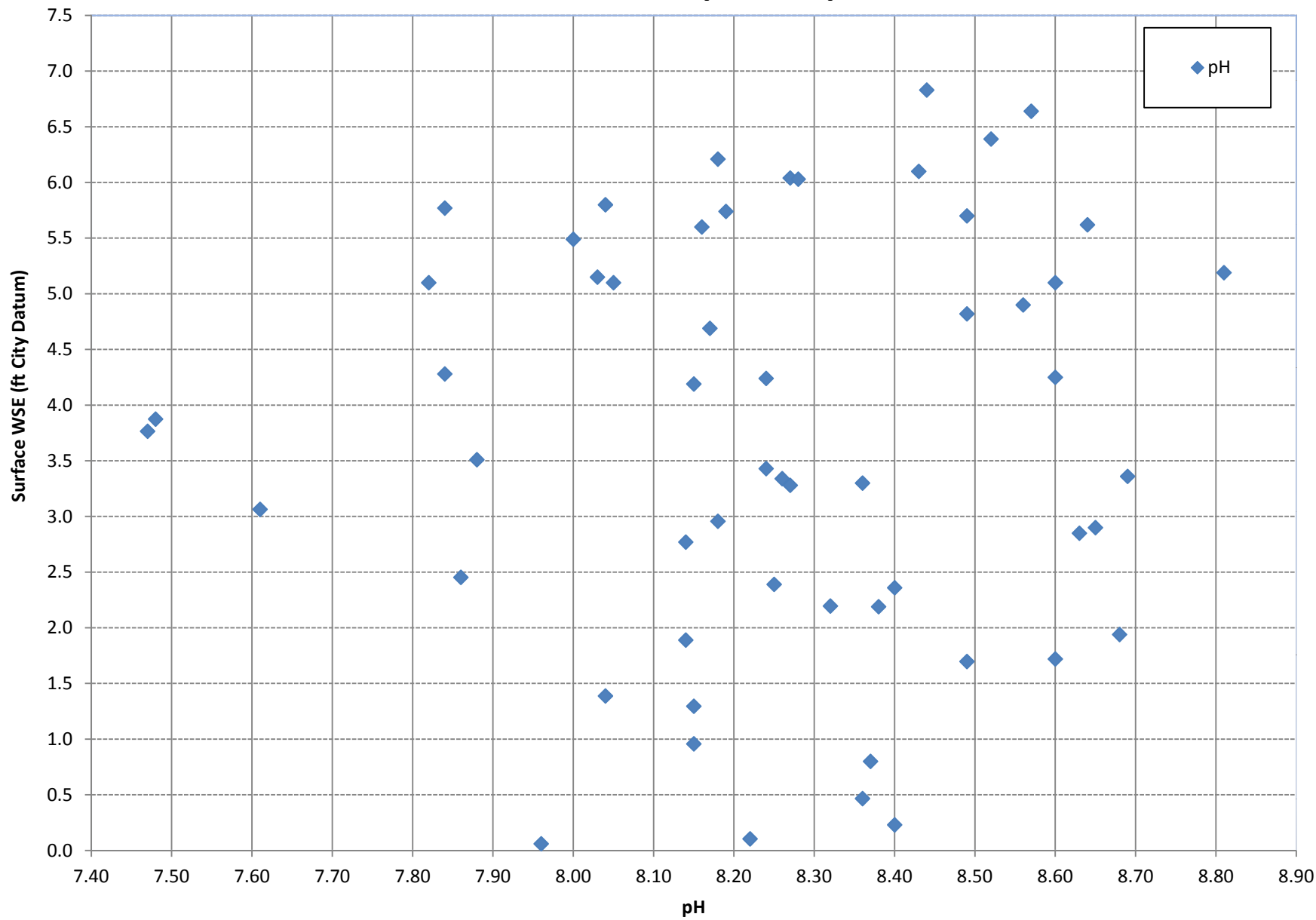


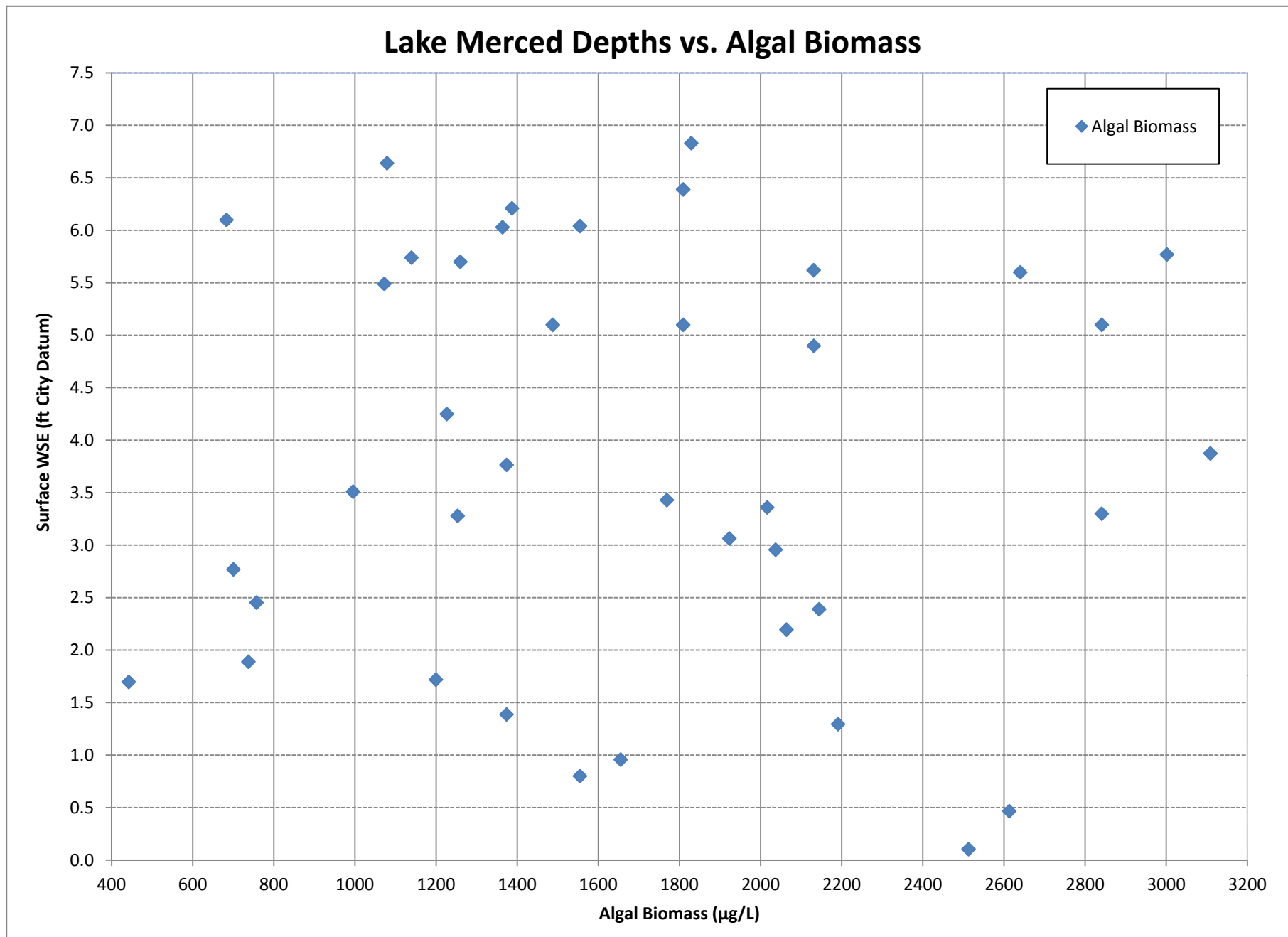


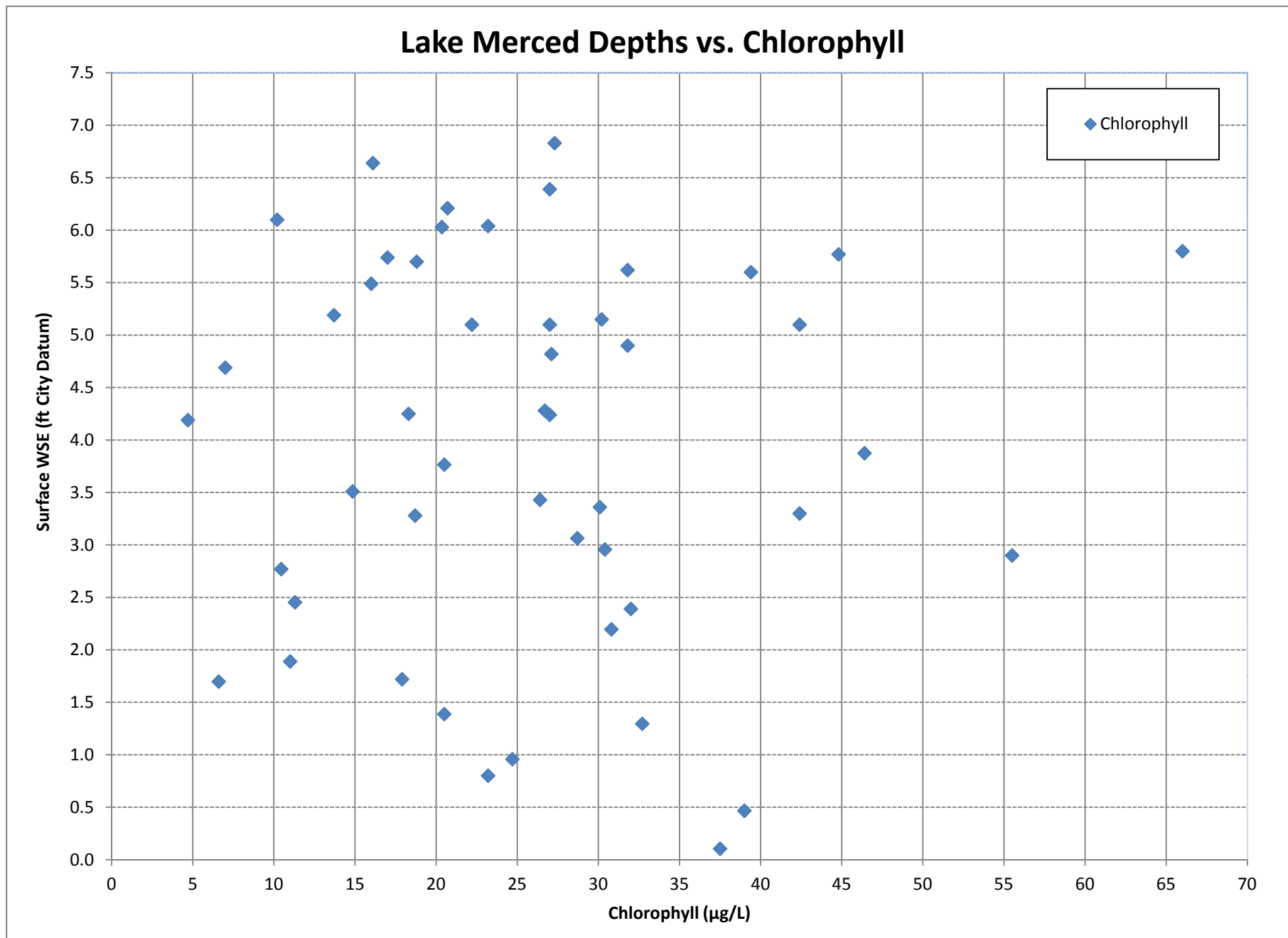


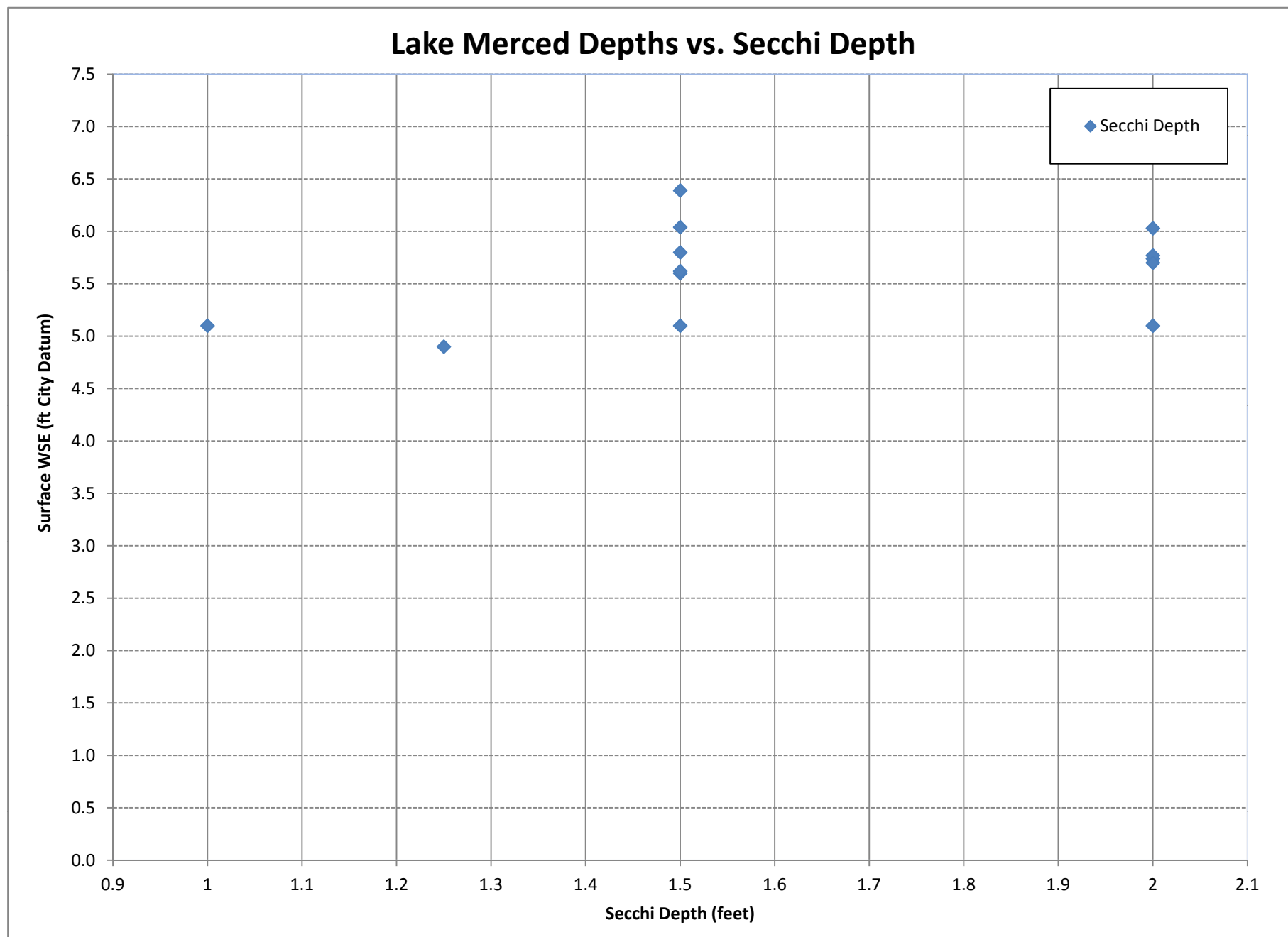


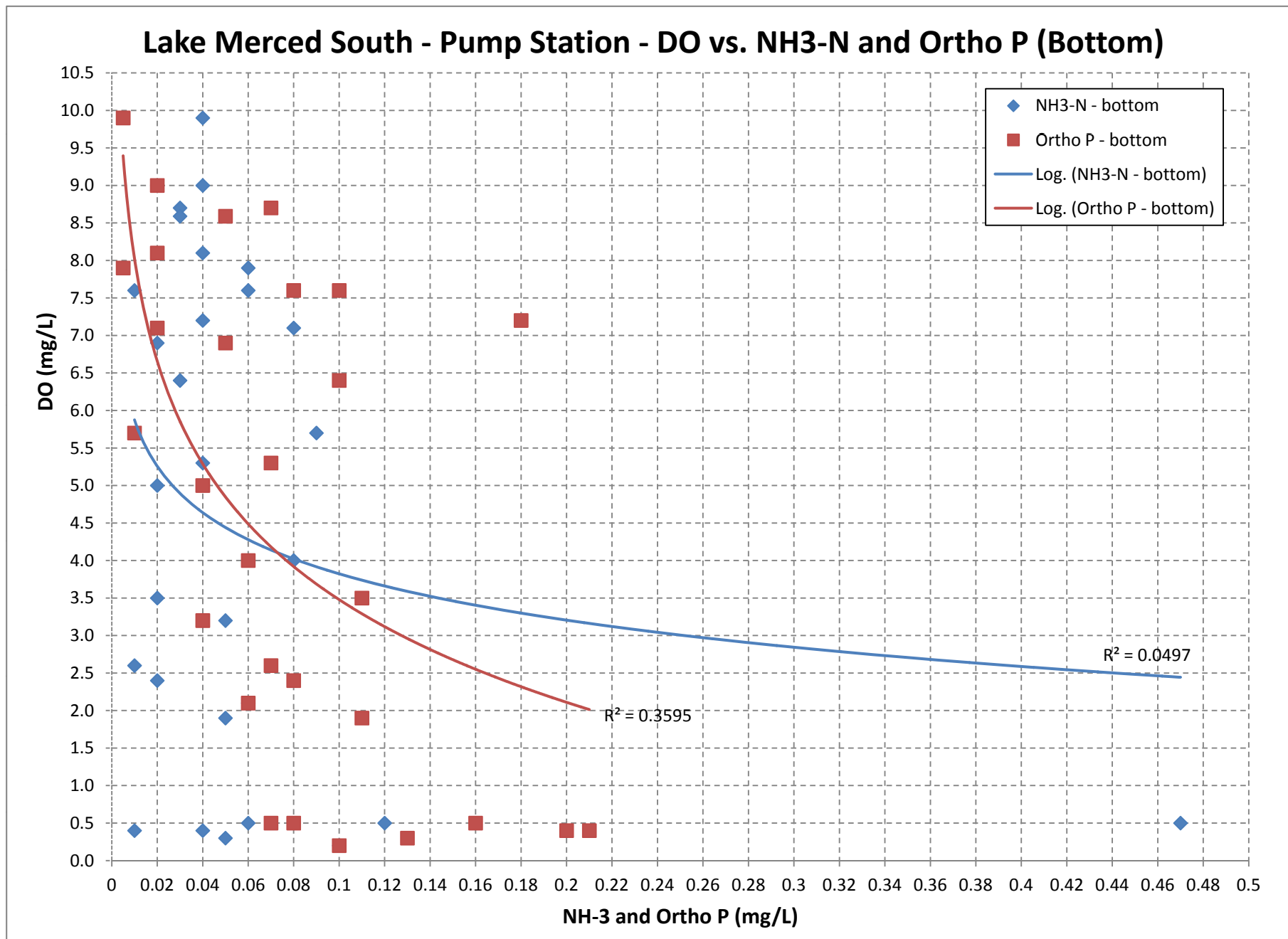
Lake Merced Depths vs. pH



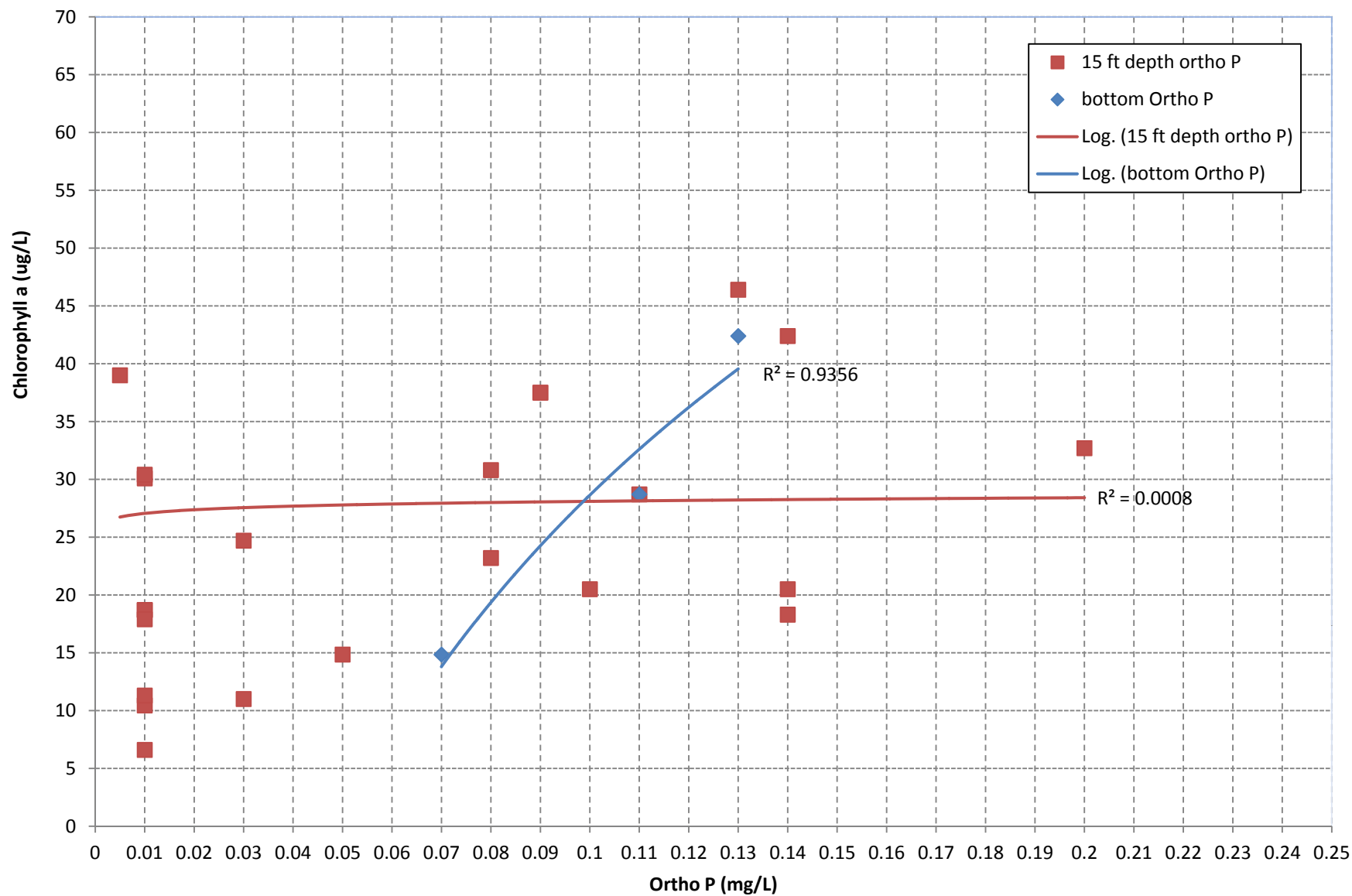








Lake Merced South - Pump Station - Surface Chlorophyll vs. Ortho P at depth, 1997 - 2005



Lake Merced South - Pistol Range - Depths vs. DO

