

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	01/30/1986	N001	143			#	-
	mg/L	01/30/1986	N002	143			#	-
	mg/L	01/30/1986	N003	143			#	-
	mg/L	01/30/1986	N004	143			#	-
	mg/L	01/30/1986	N005	143			#	-
	mg/L	06/10/1986	N001	233			#	-
	mg/L	10/08/1987	N001	161			#	-
	mg/L	07/11/1989	N001	86			#	-
	mg/L	04/20/1990	N001	144			#	-
	mg/L	12/08/1990	N001	133			#	-
	mg/L	04/19/1991	N001	76			#	-
	mg/L	08/01/1991	N001	111			#	-
	mg/L	01/12/1992	N001	137			#	-
	mg/L	06/28/1992	N001	67			#	-
	mg/L	04/25/1994	N001	92			#	-
	mg/L	03/31/1995	N001	129		J	#	10
	mg/L	09/16/1995	N001	128			#	10
	mg/L	01/07/1996	N001	128			#	10
	mg/L	03/26/1997	N001	106			#	-
	mg/L	02/11/1998	N001	147			#	-
	mg/L	08/20/1998	0001	120			#	-
	mg/L	08/20/1998	N001	115			#	-
	mg/L	02/15/2000	0001	147			#	-
mg/L	02/15/2000	N001	159			#	-	
mg/L	12/01/2000	0001	134			#	-	
mg/L	03/02/2001	0001	108			#	-	
Aluminum	mg/L	06/10/1986	0001	0.5			#	0.1
	mg/L	10/08/1987	0001	0.20			#	0.1
	mg/L	07/11/1989	0001	0.1	U		#	0.1
	mg/L	04/20/1990	0001	0.1	U		#	0.1
	mg/L	04/20/1990	N001	0.1			#	0.1
	mg/L	12/08/1990	0001	0.1	U		#	0.1
	mg/L	04/19/1991	N001	2.35			#	0.05
	mg/L	08/01/1991	0001	0.05	U		#	0.05
	mg/L	01/12/1992	0001	0.05	U		#	0.05
	mg/L	06/28/1992	0001	0.148			#	0.05

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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		DATE	ID		LAB	DATA	QA		
Aluminum	mg/L	03/31/1995	0001	0.05	U		#	0.05	-
	mg/L	03/31/1995	0002	0.05	U		#	0.05	-
	mg/L	03/31/1995	N001	0.68			#	0.05	-
	mg/L	03/31/1995	N002	0.65			#	0.05	-
	mg/L	09/16/1995	0001	0.05	U		#	0.05	-
	mg/L	09/16/1995	N001	0.27			#	0.05	-
	mg/L	12/01/2000	0001	0.28	UDI		#	0.28	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Ammonium	mg/L	01/30/1986	0001	0.1	U		#	0.1	-
	mg/L	01/30/1986	0002	0.1	U	J	#	0.1	-
	mg/L	01/30/1986	0003	0.1	U		#	0.1	-
	mg/L	01/30/1986	0004	0.1	U		#	0.1	-
	mg/L	01/30/1986	0005	0.1	U		#	0.1	-
	mg/L	10/08/1987	0001	0.1	U		#	0.1	-
	mg/L	07/11/1989	0001	0.8			#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	12/08/1990	0001	0.8			#	0.1	-
	mg/L	04/19/1991	N001	0.19			#	0.01	-
	mg/L	08/01/1991	0001	0.1	U		#	0.1	-
	mg/L	01/12/1992	0001	1.0	UI		#	1	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N002	0.1	U		#	0.1	-
	mg/L	09/16/1995	N001	0.1	U		#	0.1	-
Antimony	mg/L	07/11/1989	0001	0.003	U		#	0.003	-
	mg/L	04/20/1990	0001	0.003	U		#	0.003	-
	mg/L	04/20/1990	N001	0.003	U		#	0.003	-
	mg/L	12/08/1990	0001	0.003	U		#	0.003	-
	mg/L	04/19/1991	N001	0.005			#	0.003	-
	mg/L	08/01/1991	0001	0.003	U		#	0.003	-
	mg/L	01/12/1992	0001	0.003	U		#	0.003	-
	mg/L	06/28/1992	0001	0.0033			#	0.003	-
	mg/L	04/25/1994	0001	0.003	U		#	0.003	-
	mg/L	11/16/1994	0001	0.007			#	0.003	-
	mg/L	03/31/1995	0001	0.003	U		#	0.003	-
	mg/L	03/31/1995	0002	0.003	U		#	0.003	-

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		DATE	ID		LAB	DATA	QA		
Antimony	mg/L	03/31/1995	N001	0.003	U		#	0.003	-
	mg/L	03/31/1995	N002	0.003	U		#	0.003	-
	mg/L	09/16/1995	0001	0.003	U		#	0.003	-
	mg/L	09/16/1995	N001	0.003	U		#	0.003	-
	mg/L	01/07/1996	0001	0.003	UW	J	#	0.003	-
	mg/L	01/07/1996	N001	0.003	UW	J	#	0.003	-
	mg/L	03/26/1997	0001	0.0010	U		#	0.001	-
	mg/L	03/26/1997	0002	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/20/1998	0001	0.0010	U		#	0.001	-
	mg/L	02/15/2000	0001	0.0004	U		#	0.0004	-
	Arsenic	mg/L	01/30/1986	0001	0.01	U		#	0.01
mg/L		01/30/1986	0002	0.01	U		#	0.01	-
mg/L		01/30/1986	0003	0.01	U		#	0.01	-
mg/L		01/30/1986	0004	0.01	U		#	0.01	-
mg/L		01/30/1986	0005	0.01	U		#	0.01	-
mg/L		06/10/1986	0001	0.01	U		#	0.01	-
mg/L		10/08/1987	0001	0.005		J	#	0.01	-
mg/L		07/11/1989	0001	0.01	U		#	0.01	-
mg/L		04/20/1990	0001	0.01	U		#	0.01	-
mg/L		04/20/1990	N001	0.01	U		#	0.01	-
mg/L		12/08/1990	0001	0.01	U		#	0.01	-
mg/L		04/19/1991	N001	0.01	U		#	0.01	-
mg/L		08/01/1991	0001	0.01	U		#	0.01	-
mg/L		01/12/1992	0001	0.002			#	0.001	-
mg/L		06/28/1992	0001	0.005	U		#	0.005	-
mg/L		04/25/1994	0001	0.005	U		#	0.005	-
mg/L		04/25/1994	N001	0.005	U		#	0.005	-
mg/L		11/16/1994	0001	0.005	U		#	0.005	-
mg/L		03/31/1995	0001	0.005	U		#	0.005	-
mg/L		03/31/1995	0002	0.005	U		#	0.005	-
mg/L		03/31/1995	N001	0.005	U		#	0.005	-
mg/L		03/31/1995	N002	0.005	U		#	0.005	-
mg/L		09/16/1995	0001	0.005	UN	J	#	0.005	-
mg/L		09/16/1995	N001	0.005	UN	J	#	0.005	-
mg/L		01/07/1996	0001	0.005	UW	J	#	0.005	-

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		DATE	ID		LAB	DATA	QA		
Arsenic	mg/L	01/07/1996	N001	0.005	U		#	0.005	-
	mg/L	03/26/1997	0001	0.00027	B		#	-	-
	mg/L	03/26/1997	0002	0.00035	B		#	-	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/20/1998	0001	0.0010	U		#	0.001	-
	mg/L	02/15/2000	0001	0.0004	U	UJ	#	0.0004	-
	mg/L	12/01/2000	0001	0.0007			#	0.0002	-
	mg/L	03/02/2001	0001	0.0007			#	0.0002	-
Barium	mg/L	10/08/1987	0001	0.06		J	#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	12/08/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.11			#	0.01	-
	mg/L	08/01/1991	0001	0.05			#	0.01	-
	mg/L	01/12/1992	0001	0.05			#	0.01	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	0002	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N002	0.1	U		#	0.1	-
	mg/L	12/01/2000	0001	0.08	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Beryllium	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.005	U		#	0.005	-
	mg/L	08/01/1991	0001	0.005	U		#	0.005	-
Boron	mg/L	10/08/1987	0001	0.13			#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	03/31/1995	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	0002	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-

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		DATE	ID		LAB	DATA	QA		
Boron	mg/L	03/31/1995	N002	0.1	U		#	0.1	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	07/11/1989	0001	2	U		#	2	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	04/25/1994	0001	0.1	U		#	0.1	-
	mg/L	11/16/1994	0001	0.10	U		#	0.1	-
	mg/L	01/07/1996	0001	0.10	UI		#	0.1	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Cadmium	mg/L	01/30/1986	0001	0.001	U		#	0.001	-
	mg/L	01/30/1986	0002	0.001	U		#	0.001	-
	mg/L	01/30/1986	0003	0.001	U		#	0.001	-
	mg/L	01/30/1986	0004	0.001	U		#	0.001	-
	mg/L	01/30/1986	0005	0.001	U		#	0.001	-
	mg/L	10/08/1987	0001	0.005	U		#	0.005	-
	mg/L	07/11/1989	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	N001	0.001	U		#	0.001	-
	mg/L	12/08/1990	0001	0.001	U		#	0.001	-
	mg/L	04/19/1991	N001	0.001	U		#	0.001	-
	mg/L	08/01/1991	0001	0.001	U		#	0.001	-
	mg/L	01/12/1992	0001	0.001	U		#	0.001	-
	mg/L	06/28/1992	0001	0.001	U		#	0.001	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-	
Calcium	mg/L	01/30/1986	0001	80.2			#	0.01	-
	mg/L	01/30/1986	0002	80.1			#	0.01	-
	mg/L	01/30/1986	0003	80.2			#	0.01	-
	mg/L	01/30/1986	0004	80.2			#	0.01	-
	mg/L	01/30/1986	0005	80.1			#	0.01	-
	mg/L	06/10/1986	0001	50.1			#	0.01	-
	mg/L	10/08/1987	0001	121			#	0.01	-
	mg/L	07/11/1989	0001	66			#	0.01	-
	mg/L	04/20/1990	0001	86.9			#	0.01	-
	mg/L	04/20/1990	N001	95.6			#	0.01	-

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		DATE	ID		LAB	DATA QA		
Calcium	mg/L	12/08/1990	0001	86.0		#	0.01	-
	mg/L	04/19/1991	N001	35.3		#	0.5	-
	mg/L	08/01/1991	0001	77.9		#	0.5	-
	mg/L	01/12/1992	0001	80		#	0.05	-
	mg/L	06/28/1992	0001	43.9		#	0.5	-
	mg/L	04/25/1994	0001	41.1		#	0.5	-
	mg/L	11/16/1994	0001	94.0		#	0.1	-
	mg/L	03/31/1995	0001	81.0		#	0.5	-
	mg/L	03/31/1995	0002	64.6		#	0.5	-
	mg/L	03/31/1995	N001	60.9		#	0.5	-
	mg/L	03/31/1995	N002	58.3		#	0.5	-
	mg/L	09/16/1995	0001	83.6		#	0.5	-
	mg/L	09/16/1995	N001	85.0		#	0.5	-
	mg/L	01/07/1996	0001	84.8		#	1	-
	mg/L	03/26/1997	0001	44.300		#	-	-
	mg/L	03/26/1997	0002	44.700		#	-	-
	mg/L	02/11/1998	0001	94.600		#	-	-
	mg/L	08/20/1998	0001	75.900		#	-	-
	mg/L	02/15/2000	0001	91.400		#	-	-
mg/L	12/01/2000	0001	54	DI	#	0.2	-	
mg/L	03/02/2001	0001	82.4	DI	#	0.2	-	
Chloride	mg/L	01/30/1986	0001	15		#	1	-
	mg/L	01/30/1986	0002	15		#	1	-
	mg/L	01/30/1986	0003	15		#	1	-
	mg/L	01/30/1986	0004	15		#	1	-
	mg/L	01/30/1986	0005	15		#	1	-
	mg/L	06/10/1986	0001	8		#	1	-
	mg/L	10/08/1987	0001	14.2		#	1	-
	mg/L	07/11/1989	0001	2.6		#	1	-
	mg/L	04/20/1990	0001	15		#	1	-
	mg/L	04/20/1990	N001	7		#	1	-
	mg/L	12/08/1990	0001	2		#	1	-
	mg/L	04/19/1991	N001	2.2		#	0.5	-
	mg/L	08/01/1991	0001	2.9		#	0.5	-
	mg/L	01/12/1992	0001	5		#	1	-
	mg/L	06/28/1992	0001	1.73		#	0.5	-

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		DATE	ID		LAB	DATA	QA		
Chloride	mg/L	04/25/1994	0001	2.1			#	0.5	-
	mg/L	11/16/1994	0001	4.40			#	0.5	-
	mg/L	03/31/1995	0001	7.0			#	0.5	-
	mg/L	03/31/1995	0002	14.8			#	0.5	-
	mg/L	09/16/1995	0001	5.4			#	0.5	-
	mg/L	01/07/1996	0001	7.32			#	0.5	-
	mg/L	03/26/1997	0001	3.830			#	-	-
	mg/L	03/26/1997	0002	3.870			#	-	-
	mg/L	02/11/1998	0001	9.540			#	-	-
	mg/L	08/20/1998	0001	4.750			#	-	-
	mg/L	02/15/2000	0001	10.400			#	-	-
	mg/L	03/02/2001	0001	8.4	DI		#	0.01	-
Chromium	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	07/11/1989	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	N001	0.05	U		#	0.05	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	10/08/1987	0001	0.01		J	#	0.02	-
	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	N001	0.02	U		#	0.02	-
	mg/L	12/08/1990	0001	0.02	U		#	0.02	-
	mg/L	04/19/1991	N001	0.01			#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-

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		DATE	ID		LAB	DATA QA		
Dissolved Organic Carbon	mg/L	04/20/1990	0001	60			# 1	-
	mg/L	12/08/1990	0001	35			# 1	-
	mg/L	08/01/1991	0001	2			# 2	-
	mg/L	01/12/1992	0001	4.0			# 1	-
	mg/L	06/28/1992	0001	4.9	N*		# 1	-
	mg/L	04/25/1994	0001	1	U		# 1	-
Dissolved Oxygen	mg/L	12/01/2000	N001	10.8			# -	-
	mg/L	03/02/2001	N001	13.6			# -	-
Eh	mV	12/01/2000	N001	290			# -	-
	mV	03/02/2001	N001	361			# -	-
Fluoride	mg/L	10/08/1987	0001	0.40			# 0.1	-
	mg/L	07/11/1989	0001	0.2			# 0.1	-
	mg/L	04/20/1990	0001	0.3			# 0.1	-
	mg/L	04/20/1990	N001	0.3			# 0.1	-
	mg/L	12/08/1990	0001	0.3			# 0.1	-
	mg/L	04/19/1991	N001	0.1	U		# 0.1	-
	mg/L	08/01/1991	0001	0.3			# 0.1	-
	mg/L	01/12/1992	0001	0.4			# 0.1	-
	mg/L	06/28/1992	0001	0.276			# 0.1	-
	mg/L	04/25/1994	0001	0.1	U		# 0.1	-
	mg/L	11/16/1994	0001	0.23			# 0.1	-
	mg/L	03/31/1995	0001	0.2			# 0.1	-
	mg/L	03/31/1995	0002	0.2			# 0.1	-
	mg/L	09/16/1995	0001	0.4			# 0.1	-
	Gross Alpha	pCi/L	07/11/1989	0001	1.3			# 0.2
pCi/L		04/20/1990	0001	0.5			# 1	± 3.10
pCi/L		04/20/1990	N001	6.3			# 1	± 2.90
pCi/L		12/08/1990	0001	1.7			# 1	± 3.60
pCi/L		04/19/1991	N001	2.5			# 1	± 2.90
pCi/L		08/01/1991	0001	0.0			# 1	± 2.40
pCi/L		01/12/1992	0001	2.5			# 1	± 2.60
pCi/L		06/28/1992	0001	0.0			# 1	± 2.30
pCi/L		04/25/1994	0001	0.9	N*	J	# 1	± 0.60
pCi/L		04/25/1994	N001	0.9	N*	J	# 1.3	± 0.70
pCi/L		03/26/1997	0001	2.64	U		# 2.64	± 1.43



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Gross Alpha	pCi/L	03/26/1997	0002	2.82	U		#	2.82	± 1.66
	pCi/L	02/11/1998	0001	6.33			#	3.68	± 2.91
	pCi/L	08/20/1998	0001	3.56	U	J	#	3.56	± 1.89
	pCi/L	02/15/2000	0001	3.6	U	J	#	3.68	± 2.58
Gross Beta	pCi/L	07/11/1989	0001	1.7			#	1	± 1.40
	pCi/L	04/20/1990	0001	6.2			#	0.5	± 2.50
	pCi/L	04/20/1990	N001	7.0			#	0.5	± 1.80
	pCi/L	12/08/1990	0001	3.5			#	0.5	± 1.80
	pCi/L	04/19/1991	N001	5.9			#	0.5	± 1.70
	pCi/L	08/01/1991	0001	1.0			#	0.5	± 1.90
	pCi/L	01/12/1992	0001	4.9			#	0.5	± 2.10
	pCi/L	06/28/1992	0001	2.5			#	0.5	± 3.00
	pCi/L	04/25/1994	0001	2.1			#	0.8	± 0.70
	pCi/L	04/25/1994	N001	1.4	N*	J	#	2.1	± 0.80
	pCi/L	03/26/1997	0001	2.90	U		#	2.9	± 1.80
	pCi/L	03/26/1997	0002	3.23	U		#	3.23	± 1.96
	pCi/L	02/11/1998	0001	4.68	U		#	4.68	± 2.87
	pCi/L	08/20/1998	0001	3.65	U		#	3.65	± 2.22
	pCi/L	02/15/2000	0001	3.84	U		#	3.84	± 2.34
Iron	mg/L	01/30/1986	0001	0.03	U		#	0.03	-
	mg/L	01/30/1986	0002	0.03	U		#	0.03	-
	mg/L	01/30/1986	0003	0.03	U		#	0.03	-
	mg/L	01/30/1986	0004	0.03	U		#	0.03	-
	mg/L	01/30/1986	0005	0.03	U		#	0.03	-
	mg/L	06/10/1986	0001	0.07			#	0.03	-
	mg/L	10/08/1987	0001	0.01	U	J	#	0.03	-
	mg/L	07/11/1989	0001	0.03	U		#	0.03	-
	mg/L	04/20/1990	0001	0.04			#	0.03	-
	mg/L	04/20/1990	N001	0.18			#	0.03	-
	mg/L	04/25/1994	0001	0.03	U		#	0.03	-
	mg/L	04/25/1994	N001	1.12			#	0.03	-
	mg/L	11/16/1994	0001	0.03			#	0.03	-
	mg/L	03/31/1995	0001	0.03	U		#	0.03	-
	mg/L	03/31/1995	0002	0.03	U		#	0.03	-
	mg/L	03/31/1995	N001	0.44			#	0.03	-
	mg/L	03/31/1995	N002	0.46			#	0.03	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Iron	mg/L	09/16/1995	0001	0.03	U		#	0.03	-
	mg/L	09/16/1995	N001	0.23			#	0.03	-
	mg/L	01/07/1996	0001	0.03	U		#	0.03	-
	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U	J	#	0.01	-
	mg/L	04/19/1991	N001	0.024			#	0.005	-
	mg/L	08/01/1991	0001	0.005	U		#	0.005	-
	mg/L	12/01/2000	0001	0.2	UDI		#	0.2	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-
Lead-210	pCi/L	07/11/1989	0001	0.0			#	1.5	± 1.00
	pCi/L	04/20/1990	0001	0.2			#	1.5	± 0.80
	pCi/L	04/20/1990	N001	0.0			#	1.5	± 0.80
	pCi/L	04/25/1994	N001	0.0			#	3.3	± 1.20
	pCi/L	03/31/1995	0001	0.7	*	J	#	1.1	± 0.50
	pCi/L	03/31/1995	0002	0.0	*	J	#	1.1	± 0.50
	pCi/L	03/31/1995	N001	0.3	*	J	#	1.3	± 0.60
	pCi/L	03/31/1995	N002	0.8		J	#	1.1	± 0.50
	pCi/L	09/16/1995	0001	0.0			#	0.9	± 0.50
	pCi/L	03/26/1997	0001	1.03	U		#	1.03	± 0.61
	pCi/L	03/26/1997	0002	1.06	U		#	1.06	± 0.62
	pCi/L	02/11/1998	0001	0.83	U		#	0.83	± 0.49
	pCi/L	08/20/1998	0001	0.94	U		#	0.94	± 0.54
	pCi/L	02/15/2000	0001	1.08	U		#	1.08	± 0.63
Lithium	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
	mg/L	03/02/2001	0001	0.03	DI		#	0.028	-
Magnesium	mg/L	01/30/1986	0001	53.1			#	0.001	-
	mg/L	01/30/1986	0002	52.7			#	0.001	-
	mg/L	01/30/1986	0003	53.4			#	0.001	-
	mg/L	01/30/1986	0004	53.4			#	0.001	-
	mg/L	01/30/1986	0005	53			#	0.001	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Magnesium	mg/L	06/10/1986	0001	20.7		#	0.001	-
	mg/L	10/08/1987	0001	40.5		#	0.001	-
	mg/L	07/11/1989	0001	13.8		#	0.001	-
	mg/L	04/20/1990	0001	29.1		#	0.001	-
	mg/L	04/20/1990	N001	28.2		#	0.001	-
	mg/L	12/08/1990	0001	16.4		#	0.001	-
	mg/L	04/19/1991	N001	7.2		#	0.1	-
	mg/L	08/01/1991	0001	18.1		#	0.1	-
	mg/L	01/12/1992	0001	21		#	0.05	-
	mg/L	06/28/1992	0001	8.06		#	0.1	-
	mg/L	04/25/1994	0001	8.4		#	0.1	-
	mg/L	11/16/1994	0001	24.4		#	0.1	-
	mg/L	03/31/1995	0001	41.5		#	0.1	-
	mg/L	03/31/1995	0002	22.1		#	0.1	-
	mg/L	03/31/1995	N001	19.4		#	0.1	-
	mg/L	03/31/1995	N002	18.4		#	0.1	-
	mg/L	09/16/1995	0001	27.3		#	0.1	-
	mg/L	09/16/1995	N001	27.7		#	0.1	-
	mg/L	01/07/1996	0001	20.6		#	0.1	-
	mg/L	03/26/1997	0001	14.200		#	-	-
	mg/L	03/26/1997	0002	14.100		#	-	-
	mg/L	02/11/1998	0001	34.500		#	-	-
	mg/L	08/20/1998	0001	18.400		#	-	-
mg/L	02/15/2000	0001	33.300		#	-	-	
mg/L	12/01/2000	0001	29.2	DI	#	0.16	-	
mg/L	03/02/2001	0001	27.1	DI	#	0.16	-	
Manganese	mg/L	01/30/1986	0001	0.03		#	0.01	-
	mg/L	01/30/1986	0002	0.03		#	0.01	-
	mg/L	01/30/1986	0003	0.03		#	0.01	-
	mg/L	01/30/1986	0004	0.03		#	0.01	-
	mg/L	01/30/1986	0005	0.03		#	0.01	-
	mg/L	06/10/1986	0001	0.04		#	0.01	-
	mg/L	10/08/1987	0001	0.05		#	0.01	-
	mg/L	07/11/1989	0001	0.03		#	0.01	-
	mg/L	04/20/1990	0001	0.03		#	0.01	-
	mg/L	04/20/1990	N001	0.04		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Manganese	mg/L	12/08/1990	0001	0.05		#	0.01	-
	mg/L	04/19/1991	N001	0.15		#	0.01	-
	mg/L	08/01/1991	0001	0.03		#	0.01	-
	mg/L	01/12/1992	0001	0.02		#	0.01	-
	mg/L	06/28/1992	0001	0.021		#	0.01	-
	mg/L	04/25/1994	0001	0.01		#	0.01	-
	mg/L	04/25/1994	N001	0.06		#	0.01	-
	mg/L	11/16/1994	0001	0.03		#	0.01	-
	mg/L	03/31/1995	0001	0.03		#	0.01	-
	mg/L	03/31/1995	0002	0.02		#	0.01	-
	mg/L	03/31/1995	N001	0.04		#	0.01	-
	mg/L	03/31/1995	N002	0.04		#	0.01	-
	mg/L	09/16/1995	0001	0.04		#	0.01	-
	mg/L	09/16/1995	N001	0.05		#	0.01	-
	mg/L	01/07/1996	0001	0.02		#	0.01	-
	mg/L	01/07/1996	N001	0.03		#	0.01	-
	mg/L	03/26/1997	0001	0.0145		#	-	-
	mg/L	03/26/1997	0002	0.0156		#	-	-
	mg/L	02/11/1998	0001	0.0378		#	-	-
	mg/L	08/20/1998	0001	0.0230		#	-	-
mg/L	02/15/2000	0001	0.027		#	-	-	
mg/L	12/01/2000	0001	0.04	UDI	#	0.04	-	
mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-	
Mercury	mg/L	10/08/1987	0001	0.0002	U	#	0.0002	-
	mg/L	07/11/1989	0001	0.0002	U	#	0.0002	-
	mg/L	04/20/1990	0001	0.0002	U	#	0.0002	-
	mg/L	04/20/1990	N001	0.0002	U	#	0.0002	-
	mg/L	12/08/1990	0001	0.0002	U	#	0.0002	-
	mg/L	04/19/1991	N001	0.0002	U	#	0.0002	-
	mg/L	08/01/1991	0001	0.0002	U	#	0.0002	-
Molybdenum	mg/L	01/30/1986	0001	0.11		#	0.01	-
	mg/L	01/30/1986	0002	0.12		#	0.01	-
	mg/L	01/30/1986	0003	0.12		#	0.01	-
	mg/L	01/30/1986	0004	0.12		#	0.01	-
	mg/L	01/30/1986	0005	0.12		#	0.01	-
	mg/L	06/10/1986	0001	0.26		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Molybdenum	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.02			#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.01	U		#	0.01	-
	mg/L	04/25/1994	0001	0.01	U		#	0.01	-
	mg/L	04/25/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0002	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N002	0.01			#	0.01	-
	mg/L	09/16/1995	0001	0.01	U		#	0.01	-
	mg/L	09/16/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
mg/L	03/26/1997	0001	0.0018	B		#	-	-	
mg/L	03/26/1997	0002	0.0020	B		#	-	-	
mg/L	02/11/1998	0001	0.0031	B		#	-	-	
mg/L	08/20/1998	0001	0.0035	B		#	-	-	
mg/L	02/15/2000	0001	0.0028	B		#	-	-	
mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-	
mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-	
Nickel	mg/L	10/08/1987	0001	0.01	U	J	#	0.04	-
	mg/L	07/11/1989	0001	0.04	U		#	0.04	-
	mg/L	04/20/1990	0001	0.04	U		#	0.04	-
	mg/L	04/20/1990	N001	0.04	U		#	0.04	-
	mg/L	12/08/1990	0001	0.04	U		#	0.04	-
	mg/L	04/19/1991	N001	0.04	U		#	0.04	-
	mg/L	08/01/1991	0001	0.04	U		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	01/30/1986	0001	1	U		#	1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Nitrate	mg/L	01/30/1986	0002	1	U		#	1	-
	mg/L	01/30/1986	0003	1	U		#	1	-
	mg/L	01/30/1986	0004	1	U		#	1	-
	mg/L	01/30/1986	0005	1	U		#	1	-
	mg/L	06/10/1986	0001	1	U		#	1	-
	mg/L	10/08/1987	0001	0.1	U	J	#	1	-
	mg/L	07/11/1989	0001	1.0	U		#	1	-
	mg/L	04/20/1990	0001	0.1	U	J	#	1	-
	mg/L	12/08/1990	0001	1	U		#	1	-
	mg/L	04/19/1991	N001	1			#	1	-
	mg/L	08/01/1991	0001	2.2			#	1	-
	mg/L	01/12/1992	0001	12.7			#	0.1	-
	mg/L	06/28/1992	0001	1	U		#	1	-
	mg/L	04/25/1994	N001	1	U		#	1	-
	mg/L	11/16/1994	0001	1.0	U		#	1	-
	mg/L	03/31/1995	N001	1	U		#	1	-
	mg/L	03/31/1995	N002	1	U		#	1	-
	mg/L	09/16/1995	N001	1	U		#	1	-
	mg/L	03/26/1997	0001	0.431	B		#	-	-
	mg/L	03/26/1997	0002	0.435	B		#	-	-
	mg/L	02/11/1998	0001	0.695	B		#	-	-
	mg/L	08/20/1998	0001	0.0982	B		#	-	-
	mg/L	02/15/2000	0001	0.0268	B		#	-	-
	mg/L	12/01/2000	0001	0.05	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
	Nitrate + Nitrite as Nitrogen	mg/L	12/08/1990	0001	1	U		#	1
mg/L		04/19/1991	N001	0.36			#	0.05	-
mg/L		08/01/1991	0001	0.50			#	0.05	-
mg/L		01/12/1992	0001	2.9			#	0.1	-
Oxidation Reduction Potent	mV	03/31/1995	N001	231			#	-	-
	mV	03/26/1997	N001	146			#	-	-
	mV	02/11/1998	N001	81			#	-	-
	mV	08/20/1998	N001	170			#	-	-
	mV	02/15/2000	N001	199			#	-	-
	mV	12/01/2000	N001	74			#	-	-
	mV	03/02/2001	N001	147			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY	
		DATE	ID		LAB	DATA QA			
pH	s.u.	01/30/1986	N001	8.19			#	-	-
	s.u.	01/30/1986	N002	8.19			#	-	-
	s.u.	01/30/1986	N003	8.19			#	-	-
	s.u.	01/30/1986	N004	8.19			#	-	-
	s.u.	01/30/1986	N005	8.19			#	-	-
	s.u.	06/10/1986	N001	8.2			#	-	-
	s.u.	10/08/1987	N001	8.10			#	-	-
	s.u.	07/11/1989	N001	8.73			#	-	-
	s.u.	04/20/1990	N001	8.45			#	-	-
	s.u.	12/08/1990	N001	8.15			#	-	-
	s.u.	04/19/1991	N001	7.84			#	-	-
	s.u.	08/01/1991	N001	8.31			#	-	-
	s.u.	01/12/1992	N001	8.35			#	-	-
	s.u.	06/28/1992	N001	8.50			#	-	-
	s.u.	04/25/1994	N001	8.10			#	-	-
	s.u.	03/31/1995	N001	8.26			#	0.1	-
	s.u.	09/16/1995	N001	8.39			#	0.1	-
	s.u.	01/07/1996	N001	8.14			#	0.1	-
	s.u.	03/26/1997	N001	7.77			#	-	-
	Phosphorus	s.u.	02/11/1998	N001	8.13			#	-
s.u.		08/20/1998	N001	8.46			#	-	-
Phosphorus	s.u.	02/15/2000	N001	8.12			#	-	-
	s.u.	12/01/2000	N001	8.43			#	-	-
Phosphorus	s.u.	03/02/2001	N001	8.48			#	-	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Polonium-210	pCi/L	07/11/1989	0001	0.2			#	1	± 0.20
	pCi/L	04/20/1990	0001	0.0			#	1	± 0.40
	pCi/L	04/20/1990	N001	0.6			#	1	± 0.30
	pCi/L	04/25/1994	N001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	0002	0.0			#	0.1	± 0.10
	pCi/L	03/31/1995	N001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	N002	0.0			#	0.1	± 0.00
	pCi/L	09/16/1995	0001	0.0			#	0.2	± 0.10
	pCi/L	03/26/1997	0001	0.12		U	#	0.09	± 0.12

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY	
		DATE	ID		LAB	DATA QA			
Polonium-210	pCi/L	03/26/1997	0002	0.17		U #	0.1	± 0.15	
	pCi/L	02/11/1998	0001	0.17		U #	0.06	± 0.12	
	pCi/L	08/20/1998	0001	0.07		U #	0.05	± 0.07	
	pCi/L	02/15/2000	0001	0.06	U		#	0.06	± 0.06
Potassium	mg/L	01/30/1986	0001	2.14			#	0.01	-
	mg/L	01/30/1986	0002	2.13			#	0.01	-
	mg/L	01/30/1986	0003	2.15			#	0.01	-
	mg/L	01/30/1986	0004	2.15			#	0.01	-
	mg/L	01/30/1986	0005	2.14			#	0.01	-
	mg/L	06/10/1986	0001	1.71			#	0.01	-
	mg/L	10/08/1987	0001	2.58			#	0.01	-
	mg/L	07/11/1989	0001	1.77			#	0.01	-
	mg/L	04/20/1990	0001	3.2			#	0.01	-
	mg/L	04/20/1990	N001	3.1			#	0.01	-
	mg/L	12/08/1990	0001	1.5			#	0.01	-
	mg/L	04/19/1991	N001	2.6			#	0.1	-
	mg/L	08/01/1991	0001	1.21			#	0.01	-
	mg/L	01/12/1992	0001	1.3			#	0.5	-
	mg/L	06/28/1992	0001	2	U		#	2	-
	mg/L	04/25/1994	0001	1.6			#	0.1	-
	mg/L	03/31/1995	0001	2.4			#	0.1	-
	mg/L	03/31/1995	0002	1.9			#	0.1	-
	mg/L	03/31/1995	N001	2.1			#	0.1	-
	mg/L	03/31/1995	N002	1.9			#	0.1	-
	mg/L	09/16/1995	0001	2.2			#	0.1	-
	mg/L	09/16/1995	N001	2.0			#	0.1	-
	mg/L	01/07/1996	0001	1.49			#	0.1	-
	mg/L	03/26/1997	0001	2.140			#	-	-
	mg/L	03/26/1997	0002	2.160			#	-	-
	mg/L	02/11/1998	0001	1.780			#	-	-
mg/L	08/20/1998	0001	1.910			#	-	-	
mg/L	02/15/2000	0001	1.760	E	J	#	-	-	
mg/L	12/01/2000	0001	1.71	DI		#	0.2	-	
mg/L	03/02/2001	0001	1.78	DI		#	0.2	-	
Radium-226	pCi/L	10/08/1987	0001	0.0			#	1	± 0.10
	pCi/L	07/11/1989	0001	0.1			#	1	± 0.10



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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-226	pCi/L	04/20/1990	0001	0.1			#	1	± 0.20
	pCi/L	04/20/1990	N001	0.0			#	1	± 0.10
	pCi/L	12/08/1990	0001	0.0			#	1	± 0.10
	pCi/L	04/19/1991	N001	0.3			#	1	± 0.20
	pCi/L	08/01/1991	0001	0.1			#	1	± 0.10
	pCi/L	01/12/1992	0001	0.0			#	1	± 0.10
	pCi/L	06/28/1992	0001	0.0			#	1	± 0.40
	pCi/L	04/25/1994	0001	0.1	*		#	0.1	± 0.10
	pCi/L	04/25/1994	N001	0.1	*		#	-	± 0.10
	pCi/L	03/31/1995	0001	0.1	N	J	#	0.1	± 0.10
	pCi/L	03/31/1995	0002	0.0	N	J	#	0.1	± 0.10
	pCi/L	03/31/1995	N001	0.2	N	J	#	0.1	± 0.10
	pCi/L	03/31/1995	N002	0.1			#	0.1	± 0.10
	pCi/L	09/16/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	03/26/1997	0001	0.05		U	#	0.02	± 0.04
	pCi/L	03/26/1997	0002	0.07			#	0.02	± 0.04
	pCi/L	02/11/1998	0001	0.08			#	0.02	± 0.05
	pCi/L	08/20/1998	0001	0.16	U		#	0.16	± 0.09
	pCi/L	02/15/2000	0001	0.13	U		#	0.13	± 0.07
	Radium-228	pCi/L	10/08/1987	0001	0.0			#	1
pCi/L		07/11/1989	0001	0.0			#	1	± 1.20
pCi/L		04/20/1990	0001	1.1			#	1	± 0.90
pCi/L		04/20/1990	N001	0.4			#	1	± 0.70
pCi/L		12/08/1990	0001	1.0			#	1	± 0.80
pCi/L		04/19/1991	N001	2.8			#	1	± 1.30
pCi/L		08/01/1991	0001	0.0			#	1	± 1.30
pCi/L		01/12/1992	0001	0.2			#	1	± 0.90
pCi/L		06/28/1992	0001	0.0			#	1	± 1.80
pCi/L		04/25/1994	0001	0.0		FJ	#	1.7	± 1.20
pCi/L		03/31/1995	0001	0.0	N		#	2.7	± 2.10
pCi/L		03/31/1995	0002	0.0	N		#	2.5	± 1.10
pCi/L		03/31/1995	N001	0.0	N		#	2	± 1.00
pCi/L		03/31/1995	N002	0.0			#	3	± 2.10
pCi/L		09/16/1995	0001	1.3			#	1	± 0.50
pCi/L		03/26/1997	0001	0.3	U		#	0.3	± 0.20
pCi/L		03/26/1997	0002	0.3	U		#	0.3	± 0.20

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-228	pCi/L	02/11/1998	0001	0.4	U		#	0.4	± 0.20
	pCi/L	08/20/1998	0001	0.71	U		#	0.71	± 0.43
	pCi/L	02/15/2000	0001	0.75	U		#	0.75	± 0.44
Selenium	mg/L	01/30/1986	0001	0.005	U		#	0.005	-
	mg/L	01/30/1986	0002	0.005	U		#	0.005	-
	mg/L	01/30/1986	0003	0.005	U		#	0.005	-
	mg/L	01/30/1986	0004	0.005	U		#	0.005	-
	mg/L	01/30/1986	0005	0.005	U		#	0.005	-
	mg/L	06/10/1986	0001	0.005	U		#	0.005	-
	mg/L	10/08/1987	0001	0.004		J	#	0.005	-
	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	N001	0.005	U		#	0.005	-
	mg/L	12/08/1990	0001	0.005	U		#	0.005	-
	mg/L	04/19/1991	N001	0.005	U		#	0.005	-
	mg/L	08/01/1991	0001	0.03	UI		#	0.03	-
	mg/L	01/12/1992	0001	0.002	U		#	0.002	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-
	mg/L	04/25/1994	0001	0.005	U		#	0.005	-
	mg/L	04/25/1994	N001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	03/31/1995	0001	0.005	U		#	0.005	-
	mg/L	03/31/1995	0002	0.005	U		#	0.005	-
	mg/L	03/31/1995	N001	0.005	U		#	0.005	-
	mg/L	03/31/1995	N002	0.005	U		#	0.005	-
	mg/L	09/16/1995	0001	0.005	U		#	0.005	-
	mg/L	09/16/1995	N001	0.005	U		#	0.005	-
	mg/L	01/07/1996	0001	0.005	U		#	0.005	-
	mg/L	01/07/1996	N001	0.005	U		#	0.005	-
	mg/L	03/26/1997	0001	0.0010	U		#	0.001	-
	mg/L	03/26/1997	0002	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0011	B		#	-	-
	mg/L	08/20/1998	0001	0.0010	UN	J	#	0.001	-
	mg/L	02/15/2000	0001	0.00093	B		#	-	-
	mg/L	12/01/2000	0001	0.0008			#	0.0003	-
mg/L	03/02/2001	0001	0.001			#	0.0003	-	

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Silica	mg/L	10/08/1987	0001	8.34			#	2	-
	mg/L	07/11/1989	0001	7.7			#	2	-
	mg/L	04/20/1990	0001	8			#	2	-
	mg/L	04/20/1990	N001	8			#	2	-
	mg/L	03/31/1995	0001	8.8			#	0.1	-
	mg/L	03/31/1995	0002	8.6			#	0.1	-
	mg/L	09/16/1995	0001	10.4			#	0.1	-
Silicon	mg/L	12/01/2000	0001	3.39	DI		#	0.2	-
	mg/L	03/02/2001	0001	2.8	DI	J	#	0.2	-
Silver	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.02			#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0002	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N002	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	UN	J	#	0.01	-
	mg/L	09/16/1995	N001	0.01	UN	J	#	0.01	-
mg/L	01/07/1996	0001	0.01	U		#	0.01	-	
Sodium	mg/L	01/30/1986	0001	58.3			#	0.002	-
	mg/L	01/30/1986	0002	57.9			#	0.002	-
	mg/L	01/30/1986	0003	57.2			#	0.002	-
	mg/L	01/30/1986	0004	58.3			#	0.002	-
	mg/L	01/30/1986	0005	57.4			#	0.002	-
	mg/L	06/10/1986	0001	100			#	0.002	-
	mg/L	10/08/1987	0001	49.5			#	0.002	-
	mg/L	07/11/1989	0001	16.1			#	0.002	-
	mg/L	04/20/1990	0001	29.8			#	0.002	-
	mg/L	04/20/1990	N001	29.8			#	0.002	-
	mg/L	12/08/1990	0001	15.4			#	0.002	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sodium	mg/L	04/19/1991	N001	5.0			#	0.1	-
	mg/L	08/01/1991	0001	17			#	1	-
	mg/L	01/12/1992	0001	24.1			#	0.05	-
	mg/L	06/28/1992	0001	7.87			#	1	-
	mg/L	04/25/1994	0001	7			#	1	-
	mg/L	03/31/1995	0001	63			#	1	-
	mg/L	03/31/1995	0002	25			#	1	-
	mg/L	03/31/1995	N001	20			#	1	-
	mg/L	03/31/1995	N002	19			#	1	-
	mg/L	09/16/1995	0001	28			#	1	-
	mg/L	09/16/1995	N001	27			#	1	-
	mg/L	01/07/1996	0001	20.7			#	1	-
	mg/L	03/26/1997	0001	15.100			#	-	-
	mg/L	03/26/1997	0002	15.000			#	-	-
	mg/L	02/11/1998	0001	35.100			#	-	-
	mg/L	08/20/1998	0001	17.900			#	-	-
	mg/L	02/15/2000	0001	36.400			#	-	-
	mg/L	12/01/2000	0001	22.6	DI		#	0.12	-
mg/L	03/02/2001	0001	28.2	DI		#	0.12	-	
Specific Conductance	umhos/cm	01/30/1986	N001	510			#	-	-
	umhos/cm	01/30/1986	N002	510			#	-	-
	umhos/cm	01/30/1986	N003	510			#	-	-
	umhos/cm	01/30/1986	N004	510			#	-	-
	umhos/cm	01/30/1986	N005	510			#	-	-
	umhos/cm	06/10/1986	N001	350			#	-	-
	umhos/cm	10/08/1987	N001	600			#	-	-
	umhos/cm	07/11/1989	N001	155			#	-	-
	umhos/cm	04/20/1990	N001	500			#	-	-
	umhos/cm	12/08/1990	N001	315			#	-	-
	umhos/cm	04/19/1991	N001	235			#	-	-
	umhos/cm	08/01/1991	N001	590			#	-	-
	umhos/cm	01/12/1992	N001	660			#	-	-
	umhos/cm	06/28/1992	N001	279			#	-	-
	umhos/cm	04/25/1994	N001	225			#	-	-
	umhos/cm	03/31/1995	N001	648			#	1	-
	umhos/cm	09/16/1995	N001	569			#	1	-

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Specific Conductance	umhos/cm	01/07/1996	N001	366		#	1	-
	umhos/cm	03/26/1997	N001	426		#	-	-
	umhos/cm	02/11/1998	N001	860		#	-	-
	umhos/cm	08/20/1998	N001	615		#	-	-
	umhos/cm	02/15/2000	N001	811		#	-	-
	umhos/cm	12/01/2000	N001	730		#	-	-
	umhos/cm	03/02/2001	N001	816		#	-	-
Strontium	mg/L	07/11/1989	0001	0.9		#	0.1	-
	mg/L	04/20/1990	0001	1.19		#	0.1	-
	mg/L	04/20/1990	N001	1.14		#	0.1	-
	mg/L	12/08/1990	0001	0.9		#	0.1	-
	mg/L	04/19/1991	N001	0.25		#	0.01	-
	mg/L	08/01/1991	0001	1.13		#	0.01	-
	mg/L	01/12/1992	0001	0.88		#	0.01	-
	mg/L	06/28/1992	0001	0.483		#	0.01	-
	mg/L	04/25/1994	0001	0.37		#	0.01	-
	mg/L	04/25/1994	N001	0.37		#	0.01	-
	mg/L	11/16/1994	0001	1.19		#	0.01	-
	mg/L	03/31/1995	0001	0.97		#	0.01	-
	mg/L	03/31/1995	0002	0.75		#	0.01	-
	mg/L	03/31/1995	N001	0.71		#	0.01	-
	mg/L	03/31/1995	N002	0.66		#	0.01	-
	mg/L	09/16/1995	0001	1.30		#	0.01	-
	mg/L	09/16/1995	N001	1.26		#	0.01	-
mg/L	12/01/2000	0001	1.23	DI	#	0.28	-	
mg/L	03/02/2001	0001	1.06	DI	#	0.28	-	
Sulfate	mg/L	01/30/1986	0001	378		#	0.1	-
	mg/L	01/30/1986	0002	377		#	0.1	-
	mg/L	01/30/1986	0003	376		#	0.1	-
	mg/L	01/30/1986	0004	375		#	0.1	-
	mg/L	01/30/1986	0005	374		#	0.1	-
	mg/L	06/10/1986	0001	193		#	0.1	-
	mg/L	10/08/1987	0001	380		#	0.1	-
	mg/L	07/11/1989	0001	150		#	0.1	-
	mg/L	04/20/1990	0001	250		#	0.1	-
	mg/L	04/20/1990	N001	255		#	0.1	-

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Sulfate	mg/L	12/08/1990	0001	163			# 0.1	-
	mg/L	04/19/1991	N001	39			# 0.1	-
	mg/L	08/01/1991	0001	134			# 10	-
	mg/L	01/12/1992	0001	199			# 0.1	-
	mg/L	06/28/1992	0001	84			# 1	-
	mg/L	04/25/1994	0001	60			# 1	-
	mg/L	11/16/1994	0001	205			# 1	-
	mg/L	03/31/1995	0001	170			# 1	-
	mg/L	03/31/1995	0002	350			# 1	-
	mg/L	09/16/1995	0001	234			# 1	-
	mg/L	01/07/1996	0001	212	I		# 1	-
	mg/L	03/26/1997	0001	93.200			# -	-
	mg/L	03/26/1997	0002	93.400			# -	-
	mg/L	02/11/1998	0001	270.000			# -	-
	mg/L	08/20/1998	0001	193.000			# -	-
	mg/L	02/15/2000	0001	302.000			# -	-
	mg/L	12/01/2000	0001	236	DI		# 0.08	-
mg/L	03/02/2001	0001	239	DI		# 0.04	-	
Sulfide	mg/L	06/10/1986	0001	0.1	U		# 0.1	-
	mg/L	07/11/1989	0001	0.1			# 0.1	-
	mg/L	04/20/1990	0001	0.1	U		# 0.1	-
	mg/L	12/08/1990	0001	0.1	U	J	# 0.1	-
	mg/L	04/19/1991	N001	3.6			# 1	-
	mg/L	08/01/1991	0001	0.6			# 0.1	-
	mg/L	01/12/1992	0001	0.1	U		# 0.1	-
	mg/L	06/28/1992	0001	1	U		# 1	-
Temperature	C	01/30/1986	N001	2.5			# -	-
	C	01/30/1986	N002	2.5			# -	-
	C	01/30/1986	N003	2.5			# -	-
	C	01/30/1986	N004	2.5			# -	-
	C	01/30/1986	N005	2.5			# -	-
	C	06/10/1986	N001	11.5			# -	-
	C	10/08/1987	N001	10.0			# -	-
	C	07/11/1989	N001	25.0			# -	-
	C	04/20/1990	N001	14.0			# -	-
	C	12/08/1990	N001	0.2			# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Temperature	C	04/19/1991	N001	4.6			#	-	-
	C	08/01/1991	N001	22.6			#	-	-
	C	01/12/1992	N001	0.0			#	-	-
	C	06/28/1992	N001	17.6			#	-	-
	C	04/25/1994	N001	8.7			#	-	-
	C	03/31/1995	N001	6.1			#	0.1	-
	C	09/16/1995	N001	14.4			#	0.1	-
	C	01/07/1996	N001	-0.1			#	0.1	-
	C	03/26/1997	N001	3.0			#	-	-
	C	02/11/1998	N001	-0.2			#	-	-
	C	08/20/1998	N001	21.3			#	-	-
	C	02/15/2000	N001	5.1			#	-	-
	C	12/01/2000	N001	1.57			#	-	-
	C	03/02/2001	N001	3.82			#	-	-
Thallium	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
Thorium-230	pCi/L	07/11/1989	0001	0.1			#	1	± 0.30
	pCi/L	04/20/1990	0001	0.0			#	1	± 0.30
	pCi/L	04/20/1990	N001	0.0			#	1	± 0.40
	pCi/L	04/25/1994	N001	0.2	N*	J	#	0.2	± 0.10
Tin	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	N001	0.005	U		#	0.005	-
	mg/L	12/08/1990	0001	0.005	U		#	0.005	-
	mg/L	04/19/1991	N001	0.01	UI		#	0.01	-
	mg/L	08/01/1991	0001	0.005	U		#	0.005	-
	mg/L	01/12/1992	0001	0.005	U		#	0.005	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-
Total Cyanide	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Total Cyanide	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.01	U		#	0.01	-
Total Dissolved Solids	mg/L	01/30/1986	0001	786			#	10	-
	mg/L	01/30/1986	0002	781			#	10	-
	mg/L	01/30/1986	0003	795			#	10	-
	mg/L	01/30/1986	0004	792			#	10	-
	mg/L	01/30/1986	0005	774			#	10	-
	mg/L	06/10/1986	0001	373			#	10	-
	mg/L	10/08/1987	0001	823			#	10	-
	mg/L	07/11/1989	0001	320			#	10	-
	mg/L	04/20/1990	0001	466			#	10	-
	mg/L	04/20/1990	N001	456			#	10	-
	mg/L	12/08/1990	0001	368			#	10	-
	mg/L	08/01/1991	0001	415			#	10	-
	mg/L	01/12/1992	0001	441			#	4	-
	mg/L	06/28/1992	0001	200			#	10	-
	mg/L	04/25/1994	0001	190			#	10	-
	mg/L	11/16/1994	0001	467			#	10	-
	mg/L	03/31/1995	0001	370			#	10	-
	mg/L	03/31/1995	0002	670			#	10	-
	mg/L	09/16/1995	0001	510			#	10	-
	mg/L	01/07/1996	0001	480			#	10	-
	mg/L	03/26/1997	0001	260			#	-	-
	mg/L	03/26/1997	0002	275			#	-	-
	mg/L	02/11/1998	0001	543			#	-	-
mg/L	08/20/1998	0001	415			#	-	-	
mg/L	02/15/2000	0001	570			#	-	-	
mg/L	12/01/2000	0001	520			#	-	-	
Total Kjeldahl Nitrogen	mg/L	01/12/1992	0001	1.0	U		#	1	-
	mg/L	06/28/1992	0001	1	U	J	#	1	-
Total Organic Carbon	mg/L	07/11/1989	0001	2			#	1	-
	mg/L	04/20/1990	N001	27			#	1	-
	mg/L	04/19/1991	N001	7			#	1	-
	mg/L	04/25/1994	N001	6			#	1	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Total Phosphorus as PO4	mg/L	10/08/1987	0001	0.1	U		#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	12/08/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.6			#	0.1	-
	mg/L	08/01/1991	0001	0.2			#	0.1	-
	mg/L	01/12/1992	0001	0.1	U		#	0.1	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N002	0.1	U		#	0.1	-
Turbidity	NTU	03/26/1997	N001	62.6			#	-	-
	NTU	02/11/1998	N001	20.3			#	-	-
	NTU	08/20/1998	N001	6.17			#	-	-
	NTU	02/15/2000	N001	5.15			#	-	-
Uranium	mg/L	01/30/1986	0001	0.0023		J	#	0.003	-
	mg/L	01/30/1986	0002	0.0007		J	#	0.003	-
	mg/L	01/30/1986	0003	0.0007		J	#	0.003	-
	mg/L	01/30/1986	0004	0.002		J	#	0.003	-
	mg/L	01/30/1986	0005	0.0012		J	#	0.003	-
	mg/L	06/10/1986	0001	0.0018		J	#	0.003	-
	mg/L	10/08/1987	0001	0.0041			#	0.003	-
	mg/L	07/11/1989	0001	0.005			#	0.003	-
	mg/L	04/20/1990	0001	0.0029		J	#	0.003	-
	mg/L	04/20/1990	N001	0.0027		J	#	0.003	-
	mg/L	12/08/1990	0001	0.0015			#	0.0003	-
	mg/L	04/19/1991	N001	0.003			#	0.001	-
	mg/L	08/01/1991	0001	0.017			#	0.001	-
	mg/L	01/12/1992	0001	0.0030			#	0.0003	-
	mg/L	06/28/1992	0001	0.001	U		#	0.001	-
	mg/L	04/25/1994	0001	0.001	U		#	0.001	-
	mg/L	04/25/1994	N001	0.001	U		#	0.001	-
	mg/L	11/16/1994	0001	0.002		J	#	0.001	-
	mg/L	03/31/1995	0001	0.003			#	0.001	-
	mg/L	03/31/1995	0002	0.002			#	0.001	-
mg/L	03/31/1995	N001	0.002			#	0.001	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Uranium	mg/L	03/31/1995	N002	0.002			#	0.001	-
	mg/L	09/16/1995	0001	0.003			#	0.001	-
	mg/L	09/16/1995	N001	0.002			#	0.001	-
	mg/L	01/07/1996	0001	0.001	U		#	0.001	-
	mg/L	01/07/1996	N001	0.001	U		#	0.001	-
	mg/L	03/26/1997	0001	0.0013			#	-	-
	mg/L	03/26/1997	0002	0.0014			#	-	-
	mg/L	02/11/1998	0001	0.0026			#	-	-
	mg/L	08/20/1998	0001	0.0014			#	-	-
	mg/L	02/15/2000	0001	0.0031			#	-	-
	mg/L	12/01/2000	0001	0.0029			#	0.0005	-
	mg/L	03/02/2001	0001	0.00234			#	0.001	-
Vanadium	mg/L	06/10/1986	0001	0.34			#	0.01	-
	mg/L	10/08/1987	0001	0.04			#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.02			#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.02			#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/01/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.02			#	0.01	-
	mg/L	04/25/1994	0001	0.01	U		#	0.01	-
	mg/L	04/25/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0002	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N002	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	U		#	0.01	-
	mg/L	09/16/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
mg/L	01/07/1996	N001	0.01	U		#	0.01	-	
mg/L	03/26/1997	0001	0.0050	U		#	0.005	-	
mg/L	03/26/1997	0002	0.0050	U		#	0.005	-	
mg/L	02/11/1998	0001	0.0040	U		#	0.004	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Vanadium	mg/L	08/20/1998	0001	0.0020	U		#	0.002	-
	mg/L	02/15/2000	0001	0.001	U		#	0.001	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Zinc	mg/L	10/08/1987	0001	0.005	U		#	0.005	-
	mg/L	07/11/1989	0001	0.008			#	0.005	-
	mg/L	04/20/1990	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	N001	0.026			#	0.005	-
	mg/L	12/08/1990	0001	0.023			#	0.005	-
	mg/L	04/19/1991	N001	0.094			#	0.005	-
	mg/L	08/01/1991	0001	0.005	U		#	0.005	-
	mg/L	01/12/1992	0001	0.005	U		#	0.005	-
	mg/L	06/28/1992	0001	0.011			#	0.005	-
	mg/L	04/25/1994	0001	0.05	U		#	0.05	-
	mg/L	04/25/1994	N001	0.05			#	0.05	-
	mg/L	11/16/1994	0001	0.05	U		#	0.05	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0531 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
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RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	01/30/1986	N001	145			#	-
	mg/L	06/10/1986	N001	120			#	-
	mg/L	10/08/1987	N001	147			#	-
	mg/L	07/11/1989	N001	102			#	-
	mg/L	04/20/1990	N001	147			#	-
	mg/L	12/05/1990	N001	120			#	-
	mg/L	04/19/1991	N001	73			#	-
	mg/L	07/31/1991	N001	111			#	-
	mg/L	01/10/1992	N001	160			#	-
	mg/L	06/28/1992	N001	74			#	-
	mg/L	04/24/1994	N001	81			#	-
	mg/L	04/01/1995	N001	119		J	#	10
	mg/L	09/13/1995	N001	112			#	10
	mg/L	01/07/1996	N001	130			#	10
	mg/L	03/25/1997	N001	102			#	-
	mg/L	02/11/1998	N001	162			#	-
	mg/L	08/18/1998	0001	108			#	-
	mg/L	08/18/1998	N001	99			#	-
	mg/L	02/15/2000	0001	137			#	-
	mg/L	02/15/2000	N001	151			#	-
Aluminum	mg/L	06/10/1986	0001	0.3			#	0.1
	mg/L	10/08/1987	0001	0.18			#	0.1
	mg/L	07/11/1989	0001	0.1	U		#	0.1
	mg/L	04/20/1990	0001	0.1	U		#	0.1
	mg/L	04/20/1990	N001	0.4			#	0.1
	mg/L	12/05/1990	0001	0.1	U		#	0.1
	mg/L	04/19/1991	N001	2.10			#	0.05
	mg/L	07/31/1991	0001	0.05	U		#	0.05
	mg/L	01/10/1992	0001	0.05	U		#	0.05
	mg/L	06/28/1992	0001	0.189			#	0.05
	mg/L	04/01/1995	0001	0.05	U		#	0.05
	mg/L	04/01/1995	N001	0.79			#	0.05
	mg/L	09/13/1995	0001	0.05	U		#	0.05
	mg/L	09/13/1995	N001	0.27			#	0.05
	Ammonium	mg/L	01/30/1986	0001	0.1	U		#
mg/L		06/10/1986	0001	0.1			#	0.1

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Ammonium	mg/L	10/08/1987	0001	0.1	U		#	0.1	-
	mg/L	07/11/1989	0001	0.2			#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	12/05/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.14			#	0.01	-
	mg/L	07/31/1991	0001	0.1	U		#	0.1	-
	mg/L	01/10/1992	0001	1.0	UI		#	1	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	09/13/1995	N001	0.1	U		#	0.1	-
Antimony	mg/L	06/10/1986	0001	0.003	U		#	0.003	-
	mg/L	07/11/1989	0001	0.003	U		#	0.003	-
	mg/L	04/20/1990	0001	0.003	U		#	0.003	-
	mg/L	04/20/1990	N001	0.003	U		#	0.003	-
	mg/L	12/05/1990	0001	0.003	U		#	0.003	-
	mg/L	04/19/1991	N001	0.003	U		#	0.003	-
	mg/L	07/31/1991	0001	0.003	U		#	0.003	-
	mg/L	01/10/1992	0001	0.003	U		#	0.003	-
	mg/L	06/28/1992	0001	0.003	U		#	0.003	-
	mg/L	04/24/1994	0001	0.003	U		#	0.003	-
	mg/L	11/16/1994	0001	0.003	UW	J	#	0.003	-
	mg/L	04/01/1995	0001	0.003	U		#	0.003	-
	mg/L	04/01/1995	N001	0.003	U		#	0.003	-
	mg/L	09/13/1995	0001	0.003	U		#	0.003	-
	mg/L	09/13/1995	N001	0.003	U		#	0.003	-
	mg/L	01/07/1996	0001	0.003	UW	J	#	0.003	-
	mg/L	01/07/1996	N001	0.003	UW	J	#	0.003	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
mg/L	02/15/2000	0001	0.0004	B	U	#	-	-	
Arsenic	mg/L	01/30/1986	0001	0.01	U		#	0.01	-
	mg/L	06/10/1986	0001	0.01	U		#	0.01	-
	mg/L	10/08/1987	0001	0.004		J	#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Arsenic	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
	mg/L	01/10/1992	0001	0.001	U		#	0.001	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-
	mg/L	04/24/1994	0001	0.005	U		#	0.005	-
	mg/L	04/24/1994	N001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	N001	0.005	U		#	0.005	-
	mg/L	09/13/1995	0001	0.005	UN	J	#	0.005	-
	mg/L	09/13/1995	N001	0.005	UN	J	#	0.005	-
	mg/L	01/07/1996	0001	0.005	U		#	0.005	-
	mg/L	01/07/1996	N001	0.005	U		#	0.005	-
	mg/L	03/25/1997	0001	0.00087	B		#	-	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
mg/L	02/15/2000	0001	0.0004	U	UJ	#	0.0004	-	
Barium	mg/L	06/10/1986	0001	0.3			#	0.1	-
	mg/L	10/08/1987	0001	0.07		J	#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	12/05/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.10			#	0.01	-
	mg/L	07/31/1991	0001	0.05			#	0.01	-
	mg/L	01/10/1992	0001	0.05			#	0.01	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Beryllium	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.005	U		#	0.005	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Beryllium	mg/L	07/31/1991	0001	0.005	U		#	0.005	-
Boron	mg/L	06/10/1986	0001	0.1	U		#	0.1	-
	mg/L	10/08/1987	0001	0.10			#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	04/01/1995	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Bromide	mg/L	07/11/1989	0001	2	U		#	2	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	04/24/1994	0001	0.1	U		#	0.1	-
	mg/L	11/16/1994	0001	0.10	U		#	0.1	-
	mg/L	01/07/1996	0001	0.10	UI		#	0.1	-
Cadmium	mg/L	01/30/1986	0001	0.001	U		#	0.001	-
	mg/L	06/10/1986	0001	0.001	U		#	0.001	-
	mg/L	10/08/1987	0001	0.005	U		#	0.005	-
	mg/L	07/11/1989	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	N001	0.001	U		#	0.001	-
	mg/L	12/05/1990	0001	0.001	U		#	0.001	-
	mg/L	04/19/1991	N001	0.001	U		#	0.001	-
	mg/L	07/31/1991	0001	0.001	U		#	0.001	-
	mg/L	01/10/1992	0001	0.001	U		#	0.001	-
	mg/L	06/28/1992	0001	0.001	U		#	0.001	-
Calcium	mg/L	01/30/1986	0001	83			#	0.01	-
	mg/L	06/10/1986	0001	40.9			#	0.01	-
	mg/L	10/08/1987	0001	107			#	0.01	-
	mg/L	07/11/1989	0001	64			#	0.01	-
	mg/L	04/20/1990	0001	82.5			#	0.01	-
	mg/L	04/20/1990	N001	86.0			#	0.01	-
	mg/L	12/05/1990	0001	78.8			#	0.01	-
	mg/L	04/19/1991	N001	34.4			#	0.5	-
	mg/L	07/31/1991	0001	74.5			#	0.5	-
	mg/L	01/10/1992	0001	86			#	0.05	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Calcium	mg/L	06/28/1992	0001	44.6		#	0.5	-
	mg/L	04/24/1994	0001	40.8		#	0.5	-
	mg/L	11/16/1994	0001	91.7		#	0.1	-
	mg/L	04/01/1995	0001	42.0		#	0.5	-
	mg/L	04/01/1995	N001	61.5		#	0.5	-
	mg/L	09/13/1995	0001	74.2		#	0.5	-
	mg/L	09/13/1995	N001	72.9		#	0.5	-
	mg/L	01/07/1996	0001	88.8		#	1	-
	mg/L	03/25/1997	0001	41.300		#	-	-
	mg/L	02/11/1998	0001	92.100		#	-	-
	mg/L	08/18/1998	0001	77.800		#	-	-
	mg/L	02/15/2000	0001	90.000		#	-	-
Chloride	mg/L	01/30/1986	0001	14		#	1	-
	mg/L	06/10/1986	0001	5		#	1	-
	mg/L	10/08/1987	0001	9.9		#	1	-
	mg/L	07/11/1989	0001	2.4		#	1	-
	mg/L	04/20/1990	0001	8		#	1	-
	mg/L	04/20/1990	N001	7		#	1	-
	mg/L	12/05/1990	0001	1		#	1	-
	mg/L	04/19/1991	N001	2.1		#	0.5	-
	mg/L	07/31/1991	0001	2.7		#	0.5	-
	mg/L	01/10/1992	0001	6		#	1	-
	mg/L	06/28/1992	0001	1.88		#	0.5	-
	mg/L	04/24/1994	0001	1.9		#	0.5	-
	mg/L	11/16/1994	0001	4.10		#	0.5	-
	mg/L	04/01/1995	0001	6.4		#	0.5	-
	mg/L	09/13/1995	0001	5.2		#	0.5	-
	mg/L	01/07/1996	0001	7.61		#	0.5	-
	mg/L	03/25/1997	0001	3.300		#	-	-
	mg/L	02/11/1998	0001	8.710		#	-	-
mg/L	08/18/1998	0001	4.780		#	-	-	
mg/L	02/15/2000	0001	9.520		#	-	-	
Chromium	mg/L	06/10/1986	0001	0.05		#	0.01	-
	mg/L	10/08/1987	0001	0.01	U	#	0.01	-
	mg/L	07/11/1989	0001	0.01	U	#	0.01	-
	mg/L	04/20/1990	0001	0.01	U	#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Chromium	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
	mg/L	01/10/1992	0001	0.01	U		#	0.01	-
Cobalt	mg/L	07/11/1989	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	N001	0.05	U		#	0.05	-
Copper	mg/L	06/10/1986	0001	0.02	U		#	0.02	-
	mg/L	10/08/1987	0001	0.01	U	J	#	0.02	-
	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	N001	0.02	U		#	0.02	-
	mg/L	12/05/1990	0001	0.02	U		#	0.02	-
	mg/L	04/19/1991	N001	0.01			#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
Dissolved Organic Carbon	mg/L	04/20/1990	0001	26			#	1	-
	mg/L	12/05/1990	0001	23			#	1	-
	mg/L	07/31/1991	0001	2			#	2	-
	mg/L	01/10/1992	0001	1.9			#	1	-
	mg/L	06/28/1992	0001	1.5	N*		#	1	-
	mg/L	04/24/1994	0001	5			#	1	-
Fluoride	mg/L	06/10/1986	0001	0.3			#	0.1	-
	mg/L	10/08/1987	0001	0.36			#	0.1	-
	mg/L	07/11/1989	0001	0.2			#	0.1	-
	mg/L	04/20/1990	0001	0.3			#	0.1	-
	mg/L	04/20/1990	N001	0.3			#	0.1	-
	mg/L	12/05/1990	0001	0.3			#	0.1	-
	mg/L	04/19/1991	N001	0.1			#	0.1	-
	mg/L	07/31/1991	0001	0.2			#	0.1	-
	mg/L	01/10/1992	0001	0.4			#	0.1	-
	mg/L	06/28/1992	0001	0.248			#	0.1	-
	mg/L	04/24/1994	0001	0.1	U		#	0.1	-
	mg/L	11/16/1994	0001	0.22			#	0.1	-
	mg/L	04/01/1995	0001	0.2			#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Fluoride	mg/L	09/13/1995	0001	0.3			# 0.1	-
Gross Alpha	pCi/L	07/11/1989	0001	0.4			# 0.2	± 2.50
	pCi/L	04/20/1990	0001	2.1			# 1	± 3.50
	pCi/L	04/20/1990	N001	5.4			# 1	± 2.60
	pCi/L	12/05/1990	0001	0.0			# 1	± 3.10
	pCi/L	04/19/1991	N001	1.4			# 1	± 2.60
	pCi/L	07/31/1991	0001	0.8			# 1	± 2.40
	pCi/L	01/10/1992	0001	1.1			# 1	± 2.30
	pCi/L	06/28/1992	0001	0.0			# 1	± 2.30
	pCi/L	04/24/1994	0001	0.6	N*	J	# 1.2	± 0.60
	pCi/L	04/24/1994	N001	0.7			# 0.8	± 0.40
	pCi/L	03/25/1997	0001	2.54	U		# 2.54	± 1.37
	pCi/L	02/11/1998	0001	5.11			# 3.57	± 2.68
	pCi/L	08/18/1998	0001	3.81	U	J	# 3.81	± 2.24
	pCi/L	02/15/2000	0001	3.55	U	J	# 3.55	± 1.75
Gross Beta	pCi/L	07/11/1989	0001	1.9			# 1	± 1.40
	pCi/L	04/20/1990	0001	5.3			# 0.5	± 2.00
	pCi/L	04/20/1990	N001	7.0			# 0.5	± 1.80
	pCi/L	12/05/1990	0001	3.5			# 0.5	± 1.80
	pCi/L	04/19/1991	N001	5.7			# 0.5	± 2.10
	pCi/L	07/31/1991	0001	2.7			# 0.5	± 2.00
	pCi/L	01/10/1992	0001	4.1			# 0.5	± 1.90
	pCi/L	06/28/1992	0001	1.2			# 0.5	± 2.70
	pCi/L	04/24/1994	0001	1.4			# 1.9	± 0.80
	pCi/L	04/24/1994	N001	0.6	N*	J	# 1.8	± 0.50
	pCi/L	03/25/1997	0001	2.90	U		# 2.9	± 1.79
	pCi/L	02/11/1998	0001	6.94			# 4.66	± 3.01
	pCi/L	08/18/1998	0001	4.20	U		# 4.2	± 2.50
	pCi/L	02/15/2000	0001	3.8	U		# 3.8	± 2.26
Iron	mg/L	01/30/1986	0001	0.03	U		# 0.03	-
	mg/L	06/10/1986	0001	0.05			# 0.03	-
	mg/L	10/08/1987	0001	0.01	U	J	# 0.03	-
	mg/L	07/11/1989	0001	0.03	U		# 0.03	-
	mg/L	04/20/1990	0001	0.06			# 0.03	-
	mg/L	04/20/1990	N001	0.43			# 0.03	-
	mg/L	04/24/1994	0001	0.03			# 0.03	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Iron	mg/L	04/24/1994	N001	1.88			#	0.03	-
	mg/L	11/16/1994	0001	0.07			#	0.03	-
	mg/L	04/01/1995	0001	0.03	U		#	0.03	-
	mg/L	04/01/1995	N001	0.51			#	0.03	-
	mg/L	09/13/1995	0001	0.03	U		#	0.03	-
	mg/L	09/13/1995	N001	0.24			#	0.03	-
	mg/L	01/07/1996	0001	0.03	U		#	0.03	-
Lead	mg/L	06/10/1986	0001	0.01	U		#	0.01	-
	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U	J	#	0.01	-
	mg/L	04/19/1991	N001	0.017			#	0.005	-
	mg/L	07/31/1991	0001	0.005	U		#	0.005	-
Lead-210	pCi/L	06/10/1986	0001	1.2			#	1.5	± 1.00
	pCi/L	07/11/1989	0001	0.0			#	1.5	± 1.00
	pCi/L	04/20/1990	0001	0.4			#	1.5	± 0.90
	pCi/L	04/20/1990	N001	0.2			#	1.5	± 0.80
	pCi/L	04/24/1994	N001	0.3			#	2.7	± 1.20
	pCi/L	04/01/1995	0001	0.0	*	J	#	1	± 0.40
	pCi/L	04/01/1995	N001	0.6	*	J	#	0.4	± 0.30
	pCi/L	09/13/1995	0001	0.0			#	0.9	± 0.50
	pCi/L	03/25/1997	0001	1.09	U		#	1.09	± 0.64
	pCi/L	02/11/1998	0001	0.93	U		#	0.93	± 0.55
	pCi/L	08/18/1998	0001	0.94	U		#	0.94	± 0.54
	pCi/L	02/15/2000	0001	1.08	U		#	1.08	± 0.63
Magnesium	mg/L	01/30/1986	0001	45.1			#	0.001	-
	mg/L	06/10/1986	0001	13.9			#	0.001	-
	mg/L	10/08/1987	0001	34.0			#	0.001	-
	mg/L	07/11/1989	0001	12.7			#	0.001	-
	mg/L	04/20/1990	0001	29.6			#	0.001	-
	mg/L	04/20/1990	N001	26.8			#	0.001	-
	mg/L	12/05/1990	0001	16.0			#	0.001	-
	mg/L	04/19/1991	N001	7.2			#	0.1	-
	mg/L	07/31/1991	0001	17.1			#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	01/10/1992	0001	23			#	0.05	-
	mg/L	06/28/1992	0001	8.85			#	0.1	-
	mg/L	04/24/1994	0001	8.2			#	0.1	-
	mg/L	11/16/1994	0001	23.3			#	0.1	-
	mg/L	04/01/1995	0001	12.8			#	0.1	-
	mg/L	04/01/1995	N001	18.8			#	0.1	-
	mg/L	09/13/1995	0001	21.6			#	0.1	-
	mg/L	09/13/1995	N001	21.1			#	0.1	-
	mg/L	01/07/1996	0001	23.1			#	0.1	-
	mg/L	03/25/1997	0001	12.200			#	-	-
	mg/L	02/11/1998	0001	31.700			#	-	-
	mg/L	08/18/1998	0001	20.000			#	-	-
	mg/L	02/15/2000	0001	31.400			#	-	-
	Manganese	mg/L	01/30/1986	0001	0.03			#	0.01
mg/L		06/10/1986	0001	0.03			#	0.01	-
mg/L		10/08/1987	0001	0.03			#	0.01	-
mg/L		07/11/1989	0001	0.02			#	0.01	-
mg/L		04/20/1990	0001	0.03			#	0.01	-
mg/L		04/20/1990	N001	0.09			#	0.01	-
mg/L		12/05/1990	0001	0.06			#	0.01	-
mg/L		04/19/1991	N001	0.13			#	0.01	-
mg/L		07/31/1991	0001	0.02			#	0.01	-
mg/L		01/10/1992	0001	0.02			#	0.01	-
mg/L		06/28/1992	0001	0.022			#	0.01	-
mg/L		04/24/1994	0001	0.01			#	0.01	-
mg/L		04/24/1994	N001	0.11			#	0.01	-
mg/L		11/16/1994	0001	0.02			#	0.01	-
mg/L		04/01/1995	0001	0.01			#	0.01	-
mg/L		04/01/1995	N001	0.04			#	0.01	-
mg/L		09/13/1995	0001	0.02			#	0.01	-
mg/L		09/13/1995	N001	0.04			#	0.01	-
mg/L		01/07/1996	0001	0.03			#	0.01	-
mg/L		01/07/1996	N001	0.03			#	0.01	-
mg/L		03/25/1997	0001	0.0247			#	-	-
mg/L		02/11/1998	0001	0.0331			#	-	-
mg/L	08/18/1998	0001	0.0218			#	-	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Manganese	mg/L	02/15/2000	0001	0.0293			# -	-
Mercury	mg/L	06/10/1986	0001	0.0002	U		# 0.0002	-
	mg/L	10/08/1987	0001	0.0002	U		# 0.0002	-
	mg/L	07/11/1989	0001	0.0002	U		# 0.0002	-
	mg/L	04/20/1990	0001	0.0002	U		# 0.0002	-
	mg/L	04/20/1990	N001	0.0002	U		# 0.0002	-
	mg/L	12/05/1990	0001	0.0002	U		# 0.0002	-
	mg/L	04/19/1991	N001	0.0002	U		# 0.0002	-
	mg/L	07/31/1991	0001	0.0002	U		# 0.0002	-
Molybdenum	mg/L	01/30/1986	0001	0.13			# 0.01	-
	mg/L	06/10/1986	0001	0.27			# 0.01	-
	mg/L	10/08/1987	0001	0.01	U		# 0.01	-
	mg/L	07/11/1989	0001	0.01	U		# 0.01	-
	mg/L	04/20/1990	0001	0.01	U		# 0.01	-
	mg/L	04/20/1990	N001	0.01	U		# 0.01	-
	mg/L	12/05/1990	0001	0.02			# 0.01	-
	mg/L	04/19/1991	N001	0.01	U		# 0.01	-
	mg/L	07/31/1991	0001	0.01	U		# 0.01	-
	mg/L	01/10/1992	0001	0.01	U		# 0.01	-
	mg/L	06/28/1992	0001	0.01	U		# 0.01	-
	mg/L	04/24/1994	0001	0.01	U		# 0.01	-
	mg/L	04/24/1994	N001	0.01	U		# 0.01	-
	mg/L	11/16/1994	0001	0.01	U		# 0.01	-
	mg/L	04/01/1995	0001	0.01	U		# 0.01	-
	mg/L	04/01/1995	N001	0.01			# 0.01	-
	mg/L	09/13/1995	0001	0.01	U		# 0.01	-
	mg/L	09/13/1995	N001	0.01	U		# 0.01	-
	mg/L	01/07/1996	0001	0.01	U		# 0.01	-
	mg/L	01/07/1996	N001	0.01	U		# 0.01	-
mg/L	03/25/1997	0001	0.0019	B		# -	-	
mg/L	02/11/1998	0001	0.0027	B		# -	-	
mg/L	08/18/1998	0001	0.0036	B		# -	-	
mg/L	02/15/2000	0001	0.0028	B		# -	-	
Nickel	mg/L	06/10/1986	0001	0.04	U		# 0.04	-
	mg/L	10/08/1987	0001	0.01	U	J	# 0.04	-
	mg/L	07/11/1989	0001	0.04	U		# 0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Nickel	mg/L	04/20/1990	0001	0.04	U		#	0.04	-
	mg/L	04/20/1990	N001	0.04	U		#	0.04	-
	mg/L	12/05/1990	0001	0.04	U		#	0.04	-
	mg/L	04/19/1991	N001	0.04	U		#	0.04	-
	mg/L	07/31/1991	0001	0.04	U		#	0.04	-
Nitrate	mg/L	01/30/1986	0001	1	U		#	1	-
	mg/L	06/10/1986	0001	1	U		#	1	-
	mg/L	10/08/1987	0001	0.1	U	J	#	1	-
	mg/L	07/11/1989	0001	2.4			#	1	-
	mg/L	04/20/1990	0001	0.1	U	J	#	1	-
	mg/L	12/05/1990	0001	1	U		#	1	-
	mg/L	04/19/1991	N001	1.0	U		#	1	-
	mg/L	07/31/1991	0001	1.3			#	1	-
	mg/L	01/10/1992	0001	13.7			#	0.1	-
	mg/L	06/28/1992	0001	1	U		#	1	-
	mg/L	04/24/1994	N001	1	U		#	1	-
	mg/L	11/16/1994	0001	1.0	U		#	1	-
	mg/L	04/01/1995	N001	1	U		#	1	-
	mg/L	09/13/1995	N001	1	U		#	1	-
	mg/L	03/25/1997	0001	0.640	B		#	-	-
	mg/L	02/11/1998	0001	0.540	B		#	-	-
	mg/L	08/18/1998	0001	0.163	B		#	-	-
	mg/L	02/15/2000	0001	0.0287	B		#	-	-
Nitrate + Nitrite as Nitrogen	mg/L	12/05/1990	0001	1	U		#	1	-
	mg/L	04/19/1991	N001	0.27			#	0.05	-
	mg/L	07/31/1991	0001	0.34			#	0.05	-
	mg/L	01/10/1992	0001	3.1			#	0.1	-
Oxidation Reduction Potent	mV	04/01/1995	N001	226			#	-	-
	mV	03/25/1997	N001	119			#	-	-
	mV	02/11/1998	N001	93			#	-	-
	mV	08/18/1998	N001	195			#	-	-
	mV	02/15/2000	N001	145			#	-	-
pH	s.u.	01/30/1986	N001	8.18			#	-	-
	s.u.	06/10/1986	N001	8.06			#	-	-
	s.u.	10/08/1987	N001	8.61			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY	
		DATE	ID		LAB	DATA QA			
pH	s.u.	07/11/1989	N001	8.56			#	-	-
	s.u.	04/20/1990	N001	8.17			#	-	-
	s.u.	12/05/1990	N001	8.3			#	-	-
	s.u.	04/19/1991	N001	7.96			#	-	-
	s.u.	07/31/1991	N001	8.73			#	-	-
	s.u.	01/10/1992	N001	8.35			#	-	-
	s.u.	06/28/1992	N001	8.36			#	-	-
	s.u.	04/24/1994	N001	8.14			#	-	-
	s.u.	04/01/1995	N001	8.34			#	0.1	-
	s.u.	09/13/1995	N001	8.90			#	0.1	-
	s.u.	01/07/1996	N001	7.98			#	0.1	-
	s.u.	03/25/1997	N001	8.25			#	-	-
	s.u.	02/11/1998	N001	7.66			#	-	-
	s.u.	08/18/1998	N001	8.31			#	-	-
	s.u.	02/15/2000	N001	8.44			#	-	-
Polonium-210	pCi/L	06/10/1986	0001	0			#	1	± 0.50
	pCi/L	07/11/1989	0001	0.0			#	1	± 0.10
	pCi/L	04/20/1990	0001	0.0			#	1	± 0.40
	pCi/L	04/20/1990	N001	0.0			#	1	± 0.40
	pCi/L	04/24/1994	N001	0.0			#	0.1	± 0.00
	pCi/L	04/01/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	04/01/1995	N001	0.0			#	0.5	± 0.10
	pCi/L	09/13/1995	0001	0.0			#	0.2	± 0.10
	pCi/L	03/25/1997	0001	0.17		U	#	0.11	± 0.15
	pCi/L	02/11/1998	0001	0.17		U	#	0.07	± 0.13
Potassium	mg/L	01/30/1986	0001	1.9			#	0.01	-
	mg/L	06/10/1986	0001	1.22			#	0.01	-
	mg/L	10/08/1987	0001	2.14			#	0.01	-
	mg/L	07/11/1989	0001	1.50			#	0.01	-
	mg/L	04/20/1990	0001	2.9			#	0.01	-
	mg/L	04/20/1990	N001	3.1			#	0.01	-
	mg/L	12/05/1990	0001	1.4			#	0.01	-
	mg/L	04/19/1991	N001	2.28			#	0.01	-
	mg/L	07/31/1991	0001	1.17			#	0.01	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Potassium	mg/L	01/10/1992	0001	1.6			# 0.5	-
	mg/L	06/28/1992	0001	2	U		# 2	-
	mg/L	04/24/1994	0001	1.7			# 0.1	-
	mg/L	04/01/1995	0001	1.3			# 0.1	-
	mg/L	04/01/1995	N001	2.2			# 0.1	-
	mg/L	09/13/1995	0001	2.3			# 0.1	-
	mg/L	09/13/1995	N001	1.8			# 0.1	-
	mg/L	01/07/1996	0001	1.53			# 0.1	-
	mg/L	03/25/1997	0001	2.250			# -	-
	mg/L	02/11/1998	0001	1.730			# -	-
	mg/L	08/18/1998	0001	2.160			# -	-
	mg/L	02/15/2000	0001	1.720	E	J	# -	-
Radium-226	pCi/L	06/10/1986	0001	0.1			# 1	± 0.10
	pCi/L	10/08/1987	0001	0.4			# 1	± 0.30
	pCi/L	07/11/1989	0001	0.1			# 1	± 0.10
	pCi/L	04/20/1990	0001	0.0			# 1	± 0.10
	pCi/L	04/20/1990	N001	0.0			# 1	± 0.10
	pCi/L	12/05/1990	0001	0.1			# 1	± 0.20
	pCi/L	04/19/1991	N001	0.4			# 1	± 0.20
	pCi/L	07/31/1991	0001	0.0			# 1	± 0.10
	pCi/L	01/10/1992	0001	0.3			# 1	± 0.20
	pCi/L	06/28/1992	0001	0.3			# 1	± 0.50
	pCi/L	04/24/1994	0001	0.0			# 0.1	± 0.10
	pCi/L	04/24/1994	N001	0.1			# 0.1	± 0.10
	pCi/L	04/01/1995	0001	0.1	N	J	# 0.1	± 0.10
	pCi/L	04/01/1995	N001	0.1	N	J	# 0.1	± 0.10
	pCi/L	09/13/1995	0001	0.1			# 0.1	± 0.10
	pCi/L	03/25/1997	0001	0.07			# 0.01	± 0.04
	pCi/L	02/11/1998	0001	0.11			# 0.02	± 0.06
	pCi/L	08/18/1998	0001	0.14	U		# 0.14	± 0.07
pCi/L	02/15/2000	0001	0.13	U		# 0.13	± 0.07	
Radium-228	pCi/L	06/10/1986	0001	0			# 1	± 1.10
	pCi/L	10/08/1987	0001	0.0			# 1	± 1.10
	pCi/L	07/11/1989	0001	0.1			# 1	± 1.30
	pCi/L	04/20/1990	0001	0.5			# 1	± 0.90
	pCi/L	04/20/1990	N001	0.8			# 1	± 0.70

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Radium-228	pCi/L	12/05/1990	0001	1.0			# 1	± 0.80
	pCi/L	04/19/1991	N001	11.5			# 1	± 1.90
	pCi/L	07/31/1991	0001	22.7			# 1	± 1.90
	pCi/L	01/10/1992	0001	0.0			# 1	± 0.90
	pCi/L	06/28/1992	0001	0.4			# 1	± 2.00
	pCi/L	04/24/1994	0001	0.0	H		# 1.5	± 1.00
	pCi/L	04/01/1995	0001	0.0	N		# 2	± 0.80
	pCi/L	04/01/1995	N001	0.0	N		# 2	± 1.00
	pCi/L	09/13/1995	0001	0.0			# 1	± 0.40
	pCi/L	03/25/1997	0001	0.9	U		# 0.9	± 0.40
	pCi/L	02/11/1998	0001	0.4	U		# 0.4	± 0.20
	pCi/L	08/18/1998	0001	0.58	U		# 0.58	± 0.35
	pCi/L	02/15/2000	0001	0.76	U		# 0.76	± 0.45
	Selenium	mg/L	01/30/1986	0001	0.005	U		# 0.005
mg/L		06/10/1986	0001	0.005	U		# 0.005	-
mg/L		10/08/1987	0001	0.002		J	# 0.005	-
mg/L		07/11/1989	0001	0.005	U		# 0.005	-
mg/L		04/20/1990	0001	0.005	U		# 0.005	-
mg/L		04/20/1990	N001	0.005	U		# 0.005	-
mg/L		12/05/1990	0001	0.005	U		# 0.005	-
mg/L		04/19/1991	N001	0.005	U		# 0.005	-
mg/L		07/31/1991	0001	0.005	U		# 0.005	-
mg/L		01/10/1992	0001	0.002	U		# 0.002	-
mg/L		06/28/1992	0001	0.005	U		# 0.005	-
mg/L		04/24/1994	0001	0.005	U		# 0.005	-
mg/L		04/24/1994	N001	0.005	U		# 0.005	-
mg/L		11/16/1994	0001	0.005	U		# 0.005	-
mg/L		04/01/1995	0001	0.005	U		# 0.005	-
mg/L		04/01/1995	N001	0.005	U		# 0.005	-
mg/L		09/13/1995	0001	0.005	U		# 0.005	-
mg/L		09/13/1995	N001	0.005	U		# 0.005	-
mg/L		01/07/1996	0001	0.005	U		# 0.005	-
mg/L		01/07/1996	N001	0.005	U		# 0.005	-
mg/L	03/25/1997	0001	0.0010	U		# 0.001	-	
mg/L	02/11/1998	0001	0.0010	B		# -	-	
mg/L	08/18/1998	0001	0.0010	UN	J	# 0.001	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Selenium	mg/L	02/15/2000	0001	0.00083	B		#	-
Silica	mg/L	06/10/1986	0001	3			#	2
	mg/L	10/08/1987	0001	8.49			#	2
	mg/L	07/11/1989	0001	7.3			#	2
	mg/L	04/20/1990	0001	8			#	2
	mg/L	04/20/1990	N001	10			#	2
	mg/L	04/01/1995	0001	8.9			#	0.1
	mg/L	09/13/1995	0001	9.8			#	0.1
Silver	mg/L	06/10/1986	0001	0.01	U		#	0.01
	mg/L	10/08/1987	0001	0.01	U		#	0.01
	mg/L	07/11/1989	0001	0.01	U		#	0.01
	mg/L	04/20/1990	0001	0.01	U		#	0.01
	mg/L	04/20/1990	N001	0.01	U		#	0.01
	mg/L	12/05/1990	0001	0.01	U		#	0.01
	mg/L	04/19/1991	N001	0.01	U		#	0.01
	mg/L	07/31/1991	0001	0.01	U		#	0.01
	mg/L	01/10/1992	0001	0.01	U		#	0.01
	mg/L	06/28/1992	0001	0.014			#	0.01
	mg/L	04/01/1995	0001	0.01	U		#	0.01
	mg/L	04/01/1995	N001	0.01	U		#	0.01
	mg/L	09/13/1995	0001	0.01	UN	J	#	0.01
	mg/L	09/13/1995	N001	0.01	UN	J	#	0.01
	mg/L	01/07/1996	0001	0.01	U		#	0.01
Sodium	mg/L	01/30/1986	0001	42			#	0.002
	mg/L	06/10/1986	0001	27.2			#	0.002
	mg/L	10/08/1987	0001	36.1			#	0.002
	mg/L	07/11/1989	0001	14.6			#	0.002
	mg/L	04/20/1990	0001	30.7			#	0.002
	mg/L	04/20/1990	N001	28.8			#	0.002
	mg/L	12/05/1990	0001	14.8			#	0.002
	mg/L	04/19/1991	N001	5.1			#	0.1
	mg/L	07/31/1991	0001	16			#	1
	mg/L	01/10/1992	0001	26.6			#	0.05
	mg/L	06/28/1992	0001	8.91			#	1
	mg/L	04/24/1994	0001	7			#	1
	mg/L	04/01/1995	0001	13			#	1

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sodium	mg/L	04/01/1995	N001	19			#	1	-
	mg/L	09/13/1995	0001	21			#	1	-
	mg/L	09/13/1995	N001	20			#	1	-
	mg/L	01/07/1996	0001	22.9			#	1	-
	mg/L	03/25/1997	0001	11.700			#	-	-
	mg/L	02/11/1998	0001	30.600			#	-	-
	mg/L	08/18/1998	0001	19.500			#	-	-
	mg/L	02/15/2000	0001	33.200			#	-	-
Specific Conductance	umhos/cm	01/30/1986	N001	450			#	-	-
	umhos/cm	06/10/1986	N001	250			#	-	-
	umhos/cm	10/08/1987	N001	750			#	-	-
	umhos/cm	07/11/1989	N001	170			#	-	-
	umhos/cm	04/20/1990	N001	460			#	-	-
	umhos/cm	12/05/1990	N001	315			#	-	-
	umhos/cm	04/19/1991	N001	236			#	-	-
	umhos/cm	07/31/1991	N001	558			#	-	-
	umhos/cm	01/10/1992	N001	725			#	-	-
	umhos/cm	06/28/1992	N001	274			#	-	-
	umhos/cm	04/24/1994	N001	228			#	-	-
	umhos/cm	04/01/1995	N001	403			#	1	-
	umhos/cm	09/13/1995	N001	547			#	1	-
	umhos/cm	01/07/1996	N001	362			#	1	-
	umhos/cm	03/25/1997	N001	369			#	-	-
	umhos/cm	02/11/1998	N001	836			#	-	-
umhos/cm	08/18/1998	N001	627			#	-	-	
umhos/cm	02/15/2000	N001	789			#	-	-	
Strontium	mg/L	07/11/1989	0001	0.9			#	0.1	-
	mg/L	04/20/1990	0001	1.14			#	0.1	-
	mg/L	04/20/1990	N001	1.07			#	0.1	-
	mg/L	12/05/1990	0001	0.9			#	0.1	-
	mg/L	04/19/1991	N001	0.25			#	0.01	-
	mg/L	07/31/1991	0001	1.10			#	0.01	-
	mg/L	01/10/1992	0001	0.96			#	0.01	-
	mg/L	06/28/1992	0001	0.514			#	0.01	-
	mg/L	04/24/1994	0001	0.35			#	0.01	-
	mg/L	04/24/1994	N001	0.36			#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Strontium	mg/L	11/16/1994	0001	1.16			# 0.01	-
	mg/L	04/01/1995	0001	0.48			# 0.01	-
	mg/L	04/01/1995	N001	0.69			# 0.01	-
	mg/L	09/13/1995	0001	1.08			# 0.01	-
	mg/L	09/13/1995	N001	1.00			# 0.01	-
Sulfate	mg/L	01/30/1986	0001	319			# 0.1	-
	mg/L	06/10/1986	0001	101			# 0.1	-
	mg/L	10/08/1987	0001	317			# 0.1	-
	mg/L	07/11/1989	0001	113			# 0.1	-
	mg/L	04/20/1990	0001	238			# 0.1	-
	mg/L	04/20/1990	N001	253			# 0.1	-
	mg/L	12/05/1990	0001	146			# 0.1	-
	mg/L	04/19/1991	N001	40			# 0.1	-
	mg/L	07/31/1991	0001	126			# 10	-
	mg/L	01/10/1992	0001	241			# 0.1	-
	mg/L	06/28/1992	0001	87			# 1	-
	mg/L	04/24/1994	0001	59			# 1	-
	mg/L	11/16/1994	0001	209			# 1	-
	mg/L	04/01/1995	0001	148			# 1	-
	mg/L	09/13/1995	0001	188			# 1	-
	mg/L	01/07/1996	0001	215	I		# 1	-
	mg/L	03/25/1997	0001	74.600			# -	-
mg/L	02/11/1998	0001	251.000			# -	-	
mg/L	08/18/1998	0001	203.000			# -	-	
mg/L	02/15/2000	0001	277.000			# -	-	
Sulfide	mg/L	06/10/1986	0001	0.1	U		# 0.1	-
	mg/L	07/11/1989	0001	0.1	U		# 0.1	-
	mg/L	04/20/1990	0001	0.1	U		# 0.1	-
	mg/L	12/05/1990	0001	0.1	U	J	# 0.1	-
	mg/L	04/19/1991	N001	1.7			# 1	-
	mg/L	07/31/1991	0001	0.2			# 0.1	-
	mg/L	01/10/1992	0001	0.1	U		# 0.1	-
	mg/L	06/28/1992	0001	1	U		# 1	-
Temperature	C	01/30/1986	N001	3			# -	-
	C	06/10/1986	N001	13			# -	-
	C	10/08/1987	N001	18.75			# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Temperature	C	07/11/1989	N001	18			#	-	-
	C	04/20/1990	N001	11.0			#	-	-
	C	12/05/1990	N001	2.0			#	-	-
	C	04/19/1991	N001	4.7			#	-	-
	C	07/31/1991	N001	25.4			#	-	-
	C	01/10/1992	N001	0.3			#	-	-
	C	06/28/1992	N001	15.0			#	-	-
	C	04/24/1994	N001	12.0			#	-	-
	C	04/01/1995	N001	11.6			#	0.1	-
	C	09/13/1995	N001	19.5			#	0.1	-
	C	01/07/1996	N001	-0.1			#	0.1	-
	C	03/25/1997	N001	7.2			#	-	-
	C	02/11/1998	N001	0.9			#	-	-
	C	08/18/1998	N001	21.0			#	-	-
	C	02/15/2000	N001	3.7			#	-	-
Thallium	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
Thorium-230	pCi/L	06/10/1986	0001	0.1			#	1	± 0.20
	pCi/L	07/11/1989	0001	0.5			#	1	± 0.30
	pCi/L	04/20/1990	0001	0.1			#	1	± 0.40
	pCi/L	04/20/1990	N001	0.3			#	1	± 0.50
	pCi/L	04/24/1994	N001	0.1	N*	J	#	0.2	± 0.10
Tin	mg/L	06/10/1986	0001	0.005	U		#	0.005	-
	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	N001	0.005	U		#	0.005	-
	mg/L	12/05/1990	0001	0.005	U		#	0.005	-
	mg/L	04/19/1991	N001	0.01	UI		#	0.01	-
	mg/L	07/31/1991	0001	0.005	U		#	0.005	-
	mg/L	01/10/1992	0001	0.005	U		#	0.005	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-

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		DATE	ID		LAB	DATA	QA		
Total Cyanide	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
	mg/L	01/10/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.01	U		#	0.01	-
Total Dissolved Solids	mg/L	01/30/1986	0001	695			#	10	-
	mg/L	06/10/1986	0001	261			#	10	-
	mg/L	10/08/1987	0001	666			#	10	-
	mg/L	07/11/1989	0001	304			#	10	-
	mg/L	04/20/1990	0001	466			#	10	-
	mg/L	04/20/1990	N001	470			#	10	-
	mg/L	12/05/1990	0001	24			#	10	-
	mg/L	07/31/1991	0001	408			#	10	-
	mg/L	01/10/1992	0001	486			#	4	-
	mg/L	06/28/1992	0001	210			#	10	-
	mg/L	04/24/1994	0001	210			#	10	-
	mg/L	11/16/1994	0001	465			#	10	-
	mg/L	04/01/1995	0001	340			#	10	-
	mg/L	09/13/1995	0001	420			#	10	-
	mg/L	01/07/1996	0001	470			#	10	-
	mg/L	03/25/1997	0001	225			#	-	-
	mg/L	02/11/1998	0001	517			#	-	-
mg/L	08/18/1998	0001	470			#	-	-	
mg/L	02/15/2000	0001	562			#	-	-	
Total Kjeldahl Nitrogen	mg/L	01/10/1992	0001	1.0	U		#	1	-
	mg/L	06/28/1992	0001	1	U		#	1	-
Total Organic Carbon	mg/L	07/11/1989	0001	2			#	1	-
	mg/L	04/20/1990	N001	23			#	1	-
	mg/L	04/19/1991	N001	7			#	1	-
	mg/L	04/24/1994	N001	7			#	1	-
Total Phosphorus as PO4	mg/L	06/10/1986	0001	0.1	U		#	0.1	-
	mg/L	10/08/1987	0001	0.1	U		#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Total Phosphorus as PO4	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	12/05/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.6			#	0.1	-
	mg/L	07/31/1991	0001	0.1			#	0.1	-
	mg/L	01/10/1992	0001	0.1	U		#	0.1	-
	mg/L	06/28/1992	0001	0.19			#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Turbidity	NTU	03/25/1997	N001	105			#	-	-
	NTU	02/11/1998	N001	8.33			#	-	-
	NTU	08/18/1998	N001	7.21			#	-	-
	NTU	02/15/2000	N001	4.83			#	-	-
Uranium	mg/L	01/30/1986	0001	0.001		J	#	0.003	-
	mg/L	06/10/1986	0001	0.001		J	#	0.003	-
	mg/L	10/08/1987	0001	0.0038			#	0.003	-
	mg/L	07/11/1989	0001	0.003			#	0.003	-
	mg/L	04/20/1990	0001	0.0024		J	#	0.003	-
	mg/L	04/20/1990	N001	0.0029		J	#	0.003	-
	mg/L	12/05/1990	0001	0.0014			#	0.0003	-
	mg/L	04/19/1991	N001	0.001	U		#	0.001	-
	mg/L	07/31/1991	0001	0.006			#	0.001	-
	mg/L	01/10/1992	0001	0.0025			#	0.0003	-
	mg/L	06/28/1992	0001	0.001	U		#	0.001	-
	mg/L	04/24/1994	0001	0.001	U		#	0.001	-
	mg/L	04/24/1994	N001	0.001	U		#	0.001	-
	mg/L	11/16/1994	0001	0.002		J	#	0.001	-
	mg/L	04/01/1995	0001	0.001			#	0.001	-
	mg/L	04/01/1995	N001	0.002			#	0.001	-
	mg/L	09/13/1995	0001	0.002			#	0.001	-
	mg/L	09/13/1995	N001	0.002			#	0.001	-
	mg/L	01/07/1996	0001	0.001	U		#	0.001	-
	mg/L	01/07/1996	N001	0.001			#	0.001	-
	mg/L	03/25/1997	0001	0.0013			#	-	-
	mg/L	02/11/1998	0001	0.0027			#	-	-
	mg/L	08/18/1998	0001	0.0015			#	-	-
mg/L	02/15/2000	0001	0.003			#	-	-	



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		DATE	ID		LAB	DATA	QA		
Vanadium	mg/L	06/10/1986	0001	0.2			#	0.01	-
	mg/L	10/08/1987	0001	0.03			#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01			#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/05/1990	0001	0.02			#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	07/31/1991	0001	0.01	U		#	0.01	-
	mg/L	01/10/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.014			#	0.01	-
	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	09/13/1995	0001	0.01	U		#	0.01	-
	mg/L	09/13/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0050	U		#	0.005	-
mg/L	02/11/1998	0001	0.0040	U		#	0.004	-	
mg/L	08/18/1998	0001	0.0020	U		#	0.002	-	
mg/L	02/15/2000	0001	0.001	U		#	0.001	-	
Zinc	mg/L	06/10/1986	0001	0.01			#	0.005	-
	mg/L	10/08/1987	0001	0.007			#	0.005	-
	mg/L	07/11/1989	0001	0.005			#	0.005	-
	mg/L	04/20/1990	0001	0.008			#	0.005	-
	mg/L	04/20/1990	N001	0.049			#	0.005	-
	mg/L	12/05/1990	0001	0.005	U		#	0.005	-
	mg/L	04/19/1991	N001	0.080			#	0.005	-
	mg/L	07/31/1991	0001	0.005	U		#	0.005	-
	mg/L	01/10/1992	0001	0.007			#	0.005	-
	mg/L	06/28/1992	0001	0.011			#	0.005	-
	mg/L	04/24/1994	0001	0.05	U		#	0.05	-
	mg/L	04/24/1994	N001	0.09			#	0.05	-
	mg/L	11/16/1994	0001	0.05	U		#	0.05	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0532 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	01/30/1986	N001	146			#	-
	mg/L	06/10/1986	N001	210			#	-
	mg/L	10/08/1987	N001	162			#	-
	mg/L	07/11/1989	N001	104			#	-
	mg/L	04/20/1990	N001	153			#	-
	mg/L	12/08/1990	N001	128			#	-
	mg/L	04/19/1991	N001	75			#	-
	mg/L	08/04/1991	N001	124			#	-
	mg/L	08/05/1991	N001	124			#	-
	mg/L	06/28/1992	N001	70			#	-
	mg/L	04/23/1994	N001	83			#	-
	mg/L	04/01/1995	N001	127		J	#	10
	mg/L	09/16/1995	N001	137			#	10
	mg/L	01/07/1996	N001	131			#	10
	mg/L	03/26/1997	N001	104			#	-
	mg/L	02/11/1998	N001	165			#	-
	mg/L	08/20/1998	0001	116			#	-
	mg/L	08/20/1998	N001	101			#	-
	mg/L	12/01/2000	0001	115			#	-
	mg/L	03/02/2001	0001	115			#	-
Aluminum	mg/L	06/10/1986	0001	0.5			#	0.1
	mg/L	10/08/1987	0001	0.17			#	0.1
	mg/L	07/11/1989	0001	0.1	U		#	0.1
	mg/L	04/20/1990	0001	0.1	U		#	0.1
	mg/L	04/20/1990	N001	0.2			#	0.1
	mg/L	12/08/1990	0001	0.1	U		#	0.1
	mg/L	04/19/1991	N001	2.21			#	0.05
	mg/L	08/04/1991	0001	0.05	U		#	0.05
	mg/L	01/12/1992	0001	0.05	U		#	0.05
	mg/L	06/28/1992	0001	0.204			#	0.05
	mg/L	03/31/1995	0001	0.05	U		#	0.05
	mg/L	03/31/1995	N001	0.61			#	0.05
	mg/L	09/16/1995	0001	0.05	U		#	0.05
	mg/L	09/16/1995	N001	0.31			#	0.05
	mg/L	12/01/2000	0001	0.29	UDI		#	0.29
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28

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		DATE	ID		LAB	DATA	QA		
Ammonium	mg/L	01/30/1986	0001	0.1	U		#	0.1	-
	mg/L	10/08/1987	0001	0.1	U		#	0.1	-
	mg/L	07/11/1989	0001	0.2			#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	12/08/1990	0001	0.1	U		#	0.1	-
	mg/L	04/19/1991	N001	0.23			#	0.01	-
	mg/L	08/04/1991	0001	0.2			#	0.1	-
	mg/L	01/12/1992	0001	1.0	UI		#	1	-
	mg/L	06/28/1992	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
	mg/L	09/16/1995	N001	0.1	U		#	0.1	-
	Antimony	mg/L	07/11/1989	0001	0.003	U		#	0.003
mg/L		04/20/1990	0001	0.003	U		#	0.003	-
mg/L		04/20/1990	N001	0.003	U		#	0.003	-
mg/L		12/08/1990	0001	0.003	U		#	0.003	-
mg/L		04/19/1991	N001	0.003	U		#	0.003	-
mg/L		08/04/1991	0001	0.003			#	0.003	-
mg/L		01/12/1992	0001	0.003	U		#	0.003	-
mg/L		06/28/1992	0001	0.003	U		#	0.003	-
mg/L		04/23/1994	0001	0.003	U		#	0.003	-
mg/L		11/15/1994	0001	0.003	UW	J	#	0.003	-
mg/L		03/31/1995	0001	0.003	U		#	0.003	-
mg/L		03/31/1995	N001	0.003	U		#	0.003	-
mg/L		09/16/1995	0001	0.003	U		#	0.003	-
mg/L		09/16/1995	N001	0.003	U		#	0.003	-
mg/L		01/07/1996	0001	0.003	UW	J	#	0.003	-
mg/L		01/07/1996	N001	0.003	UW	J	#	0.003	-
mg/L		03/26/1997	0001	0.0010	U		#	0.001	-
mg/L		02/11/1998	0001	0.0010	U		#	0.001	-
mg/L		02/11/1998	0002	0.0010	U		#	0.001	-
mg/L		08/20/1998	0001	0.0010	U		#	0.001	-
Arsenic	mg/L	01/30/1986	0001	0.01	U		#	0.01	-
	mg/L	06/10/1986	0001	0.01	U		#	0.01	-
	mg/L	10/08/1987	0001	0.003		J	#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-

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		DATE	ID		LAB	DATA	QA		
Arsenic	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.001			#	0.001	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-
	mg/L	04/23/1994	0001	0.005	U		#	0.005	-
	mg/L	04/23/1994	N001	0.005	UW	J	#	0.005	-
	mg/L	11/15/1994	0001	0.005	U		#	0.005	-
	mg/L	03/31/1995	0001	0.005	U		#	0.005	-
	mg/L	03/31/1995	N001	0.005	U		#	0.005	-
	mg/L	09/16/1995	0001	0.005	UN	J	#	0.005	-
	mg/L	09/16/1995	N001	0.005	UN	J	#	0.005	-
	mg/L	01/07/1996	0001	0.005	UW	J	#	0.005	-
	mg/L	01/07/1996	N001	0.005	U		#	0.005	-
	mg/L	03/26/1997	0001	0.00041	B		#	-	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0002	0.0010	U		#	0.001	-
	mg/L	08/20/1998	0001	0.0010	U		#	0.001	-
	Barium	mg/L	12/01/2000	0001	0.0006			#	0.0002
mg/L		03/02/2001	0001	0.0007			#	0.0002	-
mg/L		10/08/1987	0001	0.06		J	#	0.1	-
mg/L		07/11/1989	0001	0.1	U		#	0.1	-
mg/L		04/20/1990	0001	0.1	U		#	0.1	-
mg/L		04/20/1990	N001	0.1	U		#	0.1	-
mg/L		12/08/1990	0001	0.1	U		#	0.1	-
mg/L		04/19/1991	N001	0.24			#	0.01	-
mg/L		08/04/1991	0001	0.09			#	0.01	-
mg/L		01/12/1992	0001	0.05			#	0.01	-
mg/L		06/28/1992	0001	0.1	U		#	0.1	-
mg/L		03/31/1995	0001	0.1	U		#	0.1	-
mg/L		03/31/1995	N001	0.1	U		#	0.1	-
mg/L		12/01/2000	0001	0.09	DI		#	0.041	-
mg/L	03/02/2001	0001	0.05	DI		#	0.04	-	
Beryllium	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Beryllium	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.005	U		#	0.005	-
	mg/L	08/04/1991	0001	0.005	U		#	0.005	-
Boron	mg/L	10/08/1987	0001	0.11			#	0.1	-
	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	03/31/1995	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	07/11/1989	0001	2	U		#	2	-
	mg/L	04/20/1990	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	N001	0.1	U		#	0.1	-
	mg/L	04/23/1994	0001	0.1	U		#	0.1	-
	mg/L	11/15/1994	0001	0.10	U		#	0.1	-
	mg/L	01/07/1996	0001	0.10	UI		#	0.1	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cadmium	mg/L	01/30/1986	0001	0.001	U		#	0.001	-
	mg/L	10/08/1987	0001	0.005	U		#	0.005	-
	mg/L	07/11/1989	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	0001	0.001	U		#	0.001	-
	mg/L	04/20/1990	N001	0.001	U		#	0.001	-
	mg/L	12/08/1990	0001	0.001	U		#	0.001	-
	mg/L	04/19/1991	N001	0.001	U		#	0.001	-
	mg/L	08/04/1991	0001	0.001	U		#	0.001	-
	mg/L	01/12/1992	0001	0.001	U		#	0.001	-
	mg/L	06/28/1992	0001	0.001	U		#	0.001	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
	Calcium	mg/L	01/30/1986	0001	79.3			#	0.01
mg/L		06/10/1986	0001	28.7			#	0.01	-
mg/L		10/08/1987	0001	115			#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Calcium	mg/L	07/11/1989	0001	65		#	0.01	-
	mg/L	04/20/1990	0001	85.0		#	0.01	-
	mg/L	04/20/1990	N001	86.7		#	0.01	-
	mg/L	12/08/1990	0001	90.1		#	0.01	-
	mg/L	04/19/1991	N001	35.3		#	0.5	-
	mg/L	08/04/1991	0001	70.3		#	0.5	-
	mg/L	01/12/1992	0001	82		#	0.05	-
	mg/L	06/28/1992	0001	44.1		#	0.5	-
	mg/L	04/23/1994	0001	39.4		#	0.5	-
	mg/L	11/15/1994	0001	93.1		#	0.1	-
	mg/L	03/31/1995	0001	66.3		#	0.5	-
	mg/L	03/31/1995	N001	65.2		#	0.5	-
	mg/L	09/16/1995	0001	83.1		#	0.5	-
	mg/L	09/16/1995	N001	80.8		#	0.5	-
	mg/L	01/07/1996	0001	87.7		#	1	-
	mg/L	03/26/1997	0001	42.800		#	-	-
	mg/L	02/11/1998	0001	92.000		#	-	-
	mg/L	02/11/1998	0002	91.900		#	-	-
	mg/L	08/20/1998	0001	74.800		#	-	-
	mg/L	12/01/2000	0001	53	DI	#	0.21	-
mg/L	03/02/2001	0001	78.7	DI	#	0.2	-	
Chloride	mg/L	01/30/1986	0001	13		#	1	-
	mg/L	06/10/1986	0001	6		#	1	-
	mg/L	10/08/1987	0001	10.9		#	1	-
	mg/L	07/11/1989	0001	2.6		#	1	-
	mg/L	04/20/1990	0001	7		#	1	-
	mg/L	04/20/1990	N001	6		#	1	-
	mg/L	12/08/1990	0001	2		#	1	-
	mg/L	04/19/1991	N001	0.5	U	#	0.5	-
	mg/L	08/04/1991	0001	2.5		#	0.5	-
	mg/L	01/12/1992	0001	6		#	1	-
	mg/L	06/28/1992	0001	1.79		#	0.5	-
	mg/L	04/23/1994	0001	1.9		#	0.5	-
	mg/L	11/15/1994	0001	3.73		#	0.5	-
	mg/L	03/31/1995	0001	7.0		#	0.5	-
	mg/L	09/16/1995	0001	5.4		#	0.5	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Chloride	mg/L	01/07/1996	0001	7.52			#	0.5	-
	mg/L	03/26/1997	0001	3.310			#	-	-
	mg/L	02/11/1998	0001	8.830			#	-	-
	mg/L	02/11/1998	0002	8.810			#	-	-
	mg/L	08/20/1998	0001	4.210			#	-	-
	mg/L	12/01/2000	0001	4.6	DI		#	0.01	-
	mg/L	03/02/2001	0001	7	DI		#	0.01	-
Chromium	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	07/11/1989	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	0001	0.05	U		#	0.05	-
	mg/L	04/20/1990	N001	0.05	U		#	0.05	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	10/08/1987	0001	0.01	U	J	#	0.02	-
	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	N001	0.02	U		#	0.02	-
	mg/L	12/08/1990	0001	0.02	U		#	0.02	-
	mg/L	04/19/1991	N001	0.02			#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Organic Carbon	mg/L	04/20/1990	0001	28			#	1	-
	mg/L	12/08/1990	0001	33			#	1	-
	mg/L	08/04/1991	0001	6			#	2	-
	mg/L	01/12/1992	0001	3.7			#	1	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Dissolved Organic Carbon	mg/L	06/28/1992	0001	2	N*	#	1	-
	mg/L	04/23/1994	0001	5		#	1	-
Dissolved Oxygen	mg/L	12/01/2000	N001	12.2		#	-	-
	mg/L	03/02/2001	N001	13.4		#	-	-
Eh	mV	03/02/2001	N001	364		#	-	-
Fluoride	mg/L	10/08/1987	0001	0.40		#	0.1	-
	mg/L	07/11/1989	0001	0.2		#	0.1	-
	mg/L	04/20/1990	0001	0.3		#	0.1	-
	mg/L	04/20/1990	N001	0.3		#	0.1	-
	mg/L	12/08/1990	0001	0.3		#	0.1	-
	mg/L	04/19/1991	N001	0.1	U	#	0.1	-
	mg/L	08/04/1991	0001	0.3		#	0.1	-
	mg/L	01/12/1992	0001	0.3		#	0.1	-
	mg/L	06/28/1992	0001	0.261		#	0.1	-
	mg/L	04/23/1994	0001	0.1	U	#	0.1	-
	mg/L	11/15/1994	0001	0.20		#	0.1	-
	mg/L	03/31/1995	0001	0.2		#	0.1	-
	mg/L	09/16/1995	0001	0.4		#	0.1	-
Gross Alpha	pCi/L	07/11/1989	0001	0.2		#	0.2	± 2.40
	pCi/L	04/20/1990	0001	0.7		#	1	± 3.30
	pCi/L	04/20/1990	N001	3.6		#	1	± 2.70
	pCi/L	12/08/1990	0001	0.6		#	1	± 3.30
	pCi/L	04/19/1991	N001	0.0		#	1	± 2.70
	pCi/L	08/05/1991	0001	1.8		#	1	± 3.00
	pCi/L	01/12/1992	0001	0.4		#	1	± 2.10
	pCi/L	06/28/1992	0001	0.4		#	1	± 2.90
	pCi/L	04/23/1994	0001	1.0		#	1.3	± 0.50
	pCi/L	04/23/1994	N001	1.4		#	1.2	± 0.50
	pCi/L	03/26/1997	0001	2.57	U	#	2.57	± 1.52
	pCi/L	02/11/1998	0001	3.61	U	#	3.61	± 2.45
	pCi/L	02/11/1998	0002	3.55	U	#	3.55	± 2.28
pCi/L	08/20/1998	0001	3.53	U	J	#	3.53	± 1.85
Gross Beta	pCi/L	07/11/1989	0001	0.9		#	1	± 1.10
	pCi/L	04/20/1990	0001	3.6		#	0.5	± 1.90
	pCi/L	04/20/1990	N001	4.9		#	0.5	± 2.20

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Gross Beta	pCi/L	12/08/1990	0001	3.5			#	0.5	± 1.70
	pCi/L	04/19/1991	N001	5.3			#	0.5	± 2.00
	pCi/L	08/05/1991	0001	3.5			#	0.5	± 2.30
	pCi/L	01/12/1992	0001	3.3			#	0.5	± 1.90
	pCi/L	06/28/1992	0001	0.0			#	0.5	± 2.50
	pCi/L	04/23/1994	0001	0.3	N*	J	#	1.8	± 0.60
	pCi/L	04/23/1994	N001	4.9	N*	J	#	1.7	± 0.70
	pCi/L	03/26/1997	0001	2.90	U		#	2.9	± 1.77
	pCi/L	02/11/1998	0001	4.64	U		#	4.64	± 2.87
	pCi/L	02/11/1998	0002	4.63	U		#	4.63	± 2.86
	pCi/L	08/20/1998	0001	3.65	U		#	3.65	± 2.24
Iron	mg/L	01/30/1986	0001	0.03	U		#	0.03	-
	mg/L	06/10/1986	0001	0.06			#	0.03	-
	mg/L	10/08/1987	0001	0.01	U	J	#	0.03	-
	mg/L	07/11/1989	0001	0.03	U		#	0.03	-
	mg/L	04/20/1990	0001	0.05			#	0.03	-
	mg/L	04/20/1990	N001	0.23			#	0.03	-
	mg/L	04/23/1994	0001	0.04			#	0.03	-
	mg/L	04/23/1994	N001	2.99			#	0.03	-
	mg/L	11/15/1994	0001	0.03	U		#	0.03	-
	mg/L	03/31/1995	0001	0.03	U		#	0.03	-
	mg/L	03/31/1995	N001	0.39			#	0.03	-
	mg/L	09/16/1995	0001	0.03	U		#	0.03	-
	mg/L	09/16/1995	N001	0.27			#	0.03	-
	mg/L	01/07/1996	0001	0.03	U		#	0.03	-
	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-	
Lead	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U	J	#	0.01	-
	mg/L	04/19/1991	N001	0.030			#	0.005	-
	mg/L	08/04/1991	0001	0.005	U		#	0.005	-
	mg/L	12/01/2000	0001	0.21	UDI		#	0.21	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lead-210	pCi/L	07/11/1989	0001	0.0				# 1.5	± 1.00
	pCi/L	04/20/1990	0001	0.0				# 1.5	± 0.90
	pCi/L	04/20/1990	N001	0.4				# 1.5	± 1.30
	pCi/L	04/23/1994	N001	0.0				# 2.4	± 1.10
	pCi/L	03/31/1995	0001	0.1	*	J		# 1.1	± 0.40
	pCi/L	03/31/1995	N001	0.7	*	J		# 1	± 0.60
	pCi/L	09/16/1995	0001	0.0				# 0.9	± 0.50
	pCi/L	03/26/1997	0001	1.15	U			# 1.15	± 0.68
	pCi/L	02/11/1998	0001	0.84	U			# 0.84	± 0.51
	pCi/L	02/11/1998	0002	0.82	U			# 0.82	± 0.50
	pCi/L	08/20/1998	0001	0.94	U			# 0.94	± 0.53
	Lithium	mg/L	12/01/2000	0001	0.03	UDI			# 0.03
mg/L		03/02/2001	0001	0.03	DI			# 0.028	-
Magnesium	mg/L	01/30/1986	0001	48				# 0.001	-
	mg/L	06/10/1986	0001	6.19				# 0.001	-
	mg/L	10/08/1987	0001	36.4				# 0.001	-
	mg/L	07/11/1989	0001	13.7				# 0.001	-
	mg/L	04/20/1990	0001	28.0				# 0.001	-
	mg/L	04/20/1990	N001	25.1				# 0.001	-
	mg/L	12/08/1990	0001	17.8				# 0.001	-
	mg/L	04/19/1991	N001	7.5				# 0.1	-
	mg/L	08/04/1991	0001	17.0				# 0.1	-
	mg/L	01/12/1992	0001	22				# 0.05	-
	mg/L	06/28/1992	0001	8.17				# 0.1	-
	mg/L	04/23/1994	0001	8.1				# 0.1	-
	mg/L	11/15/1994	0001	21.0				# 0.1	-
	mg/L	03/31/1995	0001	22.0				# 0.1	-
	mg/L	03/31/1995	N001	21.5				# 0.1	-
	mg/L	09/16/1995	0001	27.6				# 0.1	-
	mg/L	09/16/1995	N001	26.8				# 0.1	-
	mg/L	01/07/1996	0001	22.8				# 0.1	-
	mg/L	03/26/1997	0001	12.100				# -	-
	mg/L	02/11/1998	0001	31.200				# -	-
mg/L	02/11/1998	0002	31.400				# -	-	
mg/L	08/20/1998	0001	18.100				# -	-	
mg/L	12/01/2000	0001	22	DI			# 0.16	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	03/02/2001	0001	24.4	DI		#	0.16	-
Manganese	mg/L	01/30/1986	0001	0.03			#	0.01	-
	mg/L	06/10/1986	0001	0.04			#	0.01	-
	mg/L	10/08/1987	0001	0.03			#	0.01	-
	mg/L	07/11/1989	0001	0.02			#	0.01	-
	mg/L	04/20/1990	0001	0.03			#	0.01	-
	mg/L	04/20/1990	N001	0.04			#	0.01	-
	mg/L	12/08/1990	0001	0.10			#	0.01	-
	mg/L	04/19/1991	N001	0.13			#	0.01	-
	mg/L	08/04/1991	0001	0.02			#	0.01	-
	mg/L	01/12/1992	0001	0.02			#	0.01	-
	mg/L	06/28/1992	0001	0.017			#	0.01	-
	mg/L	04/23/1994	0001	0.01			#	0.01	-
	mg/L	04/23/1994	N001	0.20			#	0.01	-
	mg/L	11/15/1994	0001	0.02			#	0.01	-
	mg/L	03/31/1995	0001	0.02			#	0.01	-
	mg/L	03/31/1995	N001	0.04			#	0.01	-
	mg/L	09/16/1995	0001	0.03			#	0.01	-
	mg/L	09/16/1995	N001	0.04			#	0.01	-
	mg/L	01/07/1996	0001	0.03			#	0.01	-
	mg/L	01/07/1996	N001	0.03			#	0.01	-
mg/L	03/26/1997	0001	0.0173			#	-	-	
mg/L	02/11/1998	0001	0.0328			#	-	-	
mg/L	02/11/1998	0002	0.0317			#	-	-	
mg/L	08/20/1998	0001	0.0157			#	-	-	
mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-	
mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-	
Mercury	mg/L	10/08/1987	0001	0.0002	U		#	0.0002	-
	mg/L	07/11/1989	0001	0.0002	U		#	0.0002	-
	mg/L	04/20/1990	0001	0.0002	U		#	0.0002	-
	mg/L	04/20/1990	N001	0.0002	U		#	0.0002	-
	mg/L	12/08/1990	0001	0.0002	U		#	0.0002	-
	mg/L	04/19/1991	N001	0.0002	U		#	0.0002	-
	mg/L	08/04/1991	0001	0.0002	U		#	0.0002	-
Molybdenum	mg/L	01/30/1986	0001	0.14			#	0.01	-
	mg/L	06/10/1986	0001	0.2			#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Molybdenum	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.02			#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.01	U		#	0.01	-
	mg/L	04/23/1994	0001	0.01	U		#	0.01	-
	mg/L	04/23/1994	N001	0.01	U		#	0.01	-
	mg/L	11/15/1994	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	U		#	0.01	-
	mg/L	09/16/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
	mg/L	03/26/1997	0001	0.0019	B		#	-	-
	mg/L	02/11/1998	0001	0.0027	B		#	-	-
mg/L	02/11/1998	0002	0.0028	B		#	-	-	
mg/L	08/20/1998	0001	0.0035	B		#	-	-	
mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-	
mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-	
Nickel	mg/L	10/08/1987	0001	0.01	U	J	#	0.04	-
	mg/L	07/11/1989	0001	0.04	U		#	0.04	-
	mg/L	04/20/1990	0001	0.04	U		#	0.04	-
	mg/L	04/20/1990	N001	0.04	U		#	0.04	-
	mg/L	12/08/1990	0001	0.04	U		#	0.04	-
	mg/L	04/19/1991	N001	0.04	U		#	0.04	-
	mg/L	08/04/1991	0001	0.04	U		#	0.04	-
	mg/L	12/01/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	01/30/1986	0001	1	U		#	1	-
	mg/L	06/10/1986	0001	1	U		#	1	-
	mg/L	10/08/1987	0001	0.1	U	J	#	1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Nitrate	mg/L	07/11/1989	0001	1.3			#	1	-
	mg/L	04/20/1990	0001	0.1	U	J	#	1	-
	mg/L	12/08/1990	0001	1	U		#	1	-
	mg/L	04/19/1991	N001	1.3			#	1	-
	mg/L	08/04/1991	0001	1.3			#	1	-
	mg/L	01/12/1992	0001	13.2			#	0.1	-
	mg/L	06/28/1992	0001	1	U		#	1	-
	mg/L	04/23/1994	N001	1	U		#	1	-
	mg/L	11/15/1994	0001	1.0	U		#	1	-
	mg/L	03/31/1995	N001	1	U		#	1	-
	mg/L	09/16/1995	N001	1	U		#	1	-
	mg/L	03/26/1997	0001	0.513	B		#	-	-
	mg/L	02/11/1998	0001	0.435	B		#	-	-
	mg/L	02/11/1998	0002	0.640	B		#	-	-
	mg/L	08/20/1998	0001	0.0731	B		#	-	-
	mg/L	12/01/2000	0001	0.02	DI		#	0.02	-
mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-	
Nitrate + Nitrite as Nitrogen	mg/L	12/08/1990	0001	1	U		#	1	-
	mg/L	04/19/1991	N001	0.31			#	0.05	-
	mg/L	08/04/1991	0001	0.34			#	0.05	-
	mg/L	01/12/1992	0001	3.0			#	0.1	-
Oxidation Reduction Potent	mV	04/01/1995	N001	228			#	-	-
	mV	09/16/1995	N001	368		J	#	-	-
	mV	03/26/1997	N001	127			#	-	-
	mV	02/11/1998	N001	55			#	-	-
	mV	08/20/1998	N001	152			#	-	-
	mV	03/02/2001	N001	150			#	-	-
pH	s.u.	01/30/1986	N001	8.25			#	-	-
	s.u.	06/10/1986	N001	7.89			#	-	-
	s.u.	10/08/1987	N001	8.13			#	-	-
	s.u.	07/11/1989	N001	8.74			#	-	-
	s.u.	04/20/1990	N001	8.45			#	-	-
	s.u.	12/08/1990	N001	7.85			#	-	-
	s.u.	04/19/1991	N001	7.95			#	-	-
	s.u.	08/04/1991	N001	8.01			#	-	-
	s.u.	08/05/1991	N001	8.01			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
pH	s.u.	06/28/1992	N001	8.56			#	-	-
	s.u.	04/23/1994	N001	8.09			#	-	-
	s.u.	04/01/1995	N001	8.42			#	0.1	-
	s.u.	09/16/1995	N001	8.35			#	0.1	-
	s.u.	01/07/1996	N001	7.86			#	0.1	-
	s.u.	03/26/1997	N001	8.09			#	-	-
	s.u.	02/11/1998	N001	7.94			#	-	-
	s.u.	08/20/1998	N001	8.49			#	-	-
	s.u.	12/01/2000	N001	8.46			#	-	-
	s.u.	03/02/2001	N001	8.47			#	-	-
Phosphorus	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Polonium-210	pCi/L	07/11/1989	0001	0.0			#	1	± 0.10
	pCi/L	04/20/1990	0001	0.0			#	1	± 0.40
	pCi/L	04/20/1990	N001	0.8			#	1	± 0.60
	pCi/L	04/23/1994	N001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	0001	0.0			#	0.1	± 0.00
	pCi/L	03/31/1995	N001	0.0			#	0.1	± 0.00
	pCi/L	09/16/1995	0001	0.0			#	0.2	± 0.10
	pCi/L	03/26/1997	0001	0.14		U	#	0.12	± 0.16
	pCi/L	02/11/1998	0001	0.12		U	#	0.07	± 0.11
	pCi/L	02/11/1998	0002	0.14		U	#	0.06	± 0.11
	pCi/L	08/20/1998	0001	0.08		U	#	0.07	± 0.11
	Potassium	mg/L	01/30/1986	0001	2.15			#	0.01
mg/L		06/10/1986	0001	1.33			#	0.01	-
mg/L		10/08/1987	0001	2.28			#	0.01	-
mg/L		07/11/1989	0001	1.52			#	0.01	-
mg/L		04/20/1990	0001	3.1			#	0.01	-
mg/L		04/20/1990	N001	2.8			#	0.01	-
mg/L		12/08/1990	0001	1.7			#	0.01	-
mg/L		04/19/1991	N001	2.28			#	0.01	-
mg/L		08/04/1991	0001	2.1			#	0.01	-
mg/L		01/12/1992	0001	1.4			#	0.5	-
mg/L		06/28/1992	0001	2	U		#	2	-
mg/L		04/23/1994	0001	1.7			#	0.1	-
mg/L		03/31/1995	0001	2.1			#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Potassium	mg/L	03/31/1995	N001	2.1			# 0.1	-
	mg/L	09/16/1995	0001	2.3			# 0.1	-
	mg/L	09/16/1995	N001	2.0			# 0.1	-
	mg/L	01/07/1996	0001	1.62			# 0.1	-
	mg/L	03/26/1997	0001	2.110			# -	-
	mg/L	02/11/1998	0001	1.720			# -	-
	mg/L	02/11/1998	0002	1.720			# -	-
	mg/L	08/20/1998	0001	1.930			# -	-
	mg/L	12/01/2000	0001	1.68	DI		# 0.21	-
	mg/L	03/02/2001	0001	1.64	DI		# 0.2	-
Radium-226	pCi/L	10/08/1987	0001	0.1			# 1	± 0.20
	pCi/L	07/11/1989	0001	0.0			# 1	± 0.10
	pCi/L	04/20/1990	0001	0.0			# 1	± 0.10
	pCi/L	04/20/1990	N001	0.0			# 1	± 0.10
	pCi/L	12/08/1990	0001	0.0			# 1	± 0.10
	pCi/L	04/19/1991	N001	0.2			# 1	± 0.20
	pCi/L	08/05/1991	0001	0.1			# 1	± 0.20
	pCi/L	01/12/1992	0001	0.6			# 1	± 0.30
	pCi/L	06/28/1992	0001	0.4			# 1	± 0.50
	pCi/L	04/23/1994	0001	0.1			# 0.1	± 0.10
	pCi/L	04/23/1994	N001	0.1			# 0.1	± 0.10
	pCi/L	03/31/1995	0001	0.1	N	J	# 0.1	± 0.10
	pCi/L	03/31/1995	N001	0.0	N	J	# 0.1	± 0.10
	pCi/L	09/16/1995	0001	0.0			# 0.1	± 0.10
	pCi/L	03/26/1997	0001	0.04		U	# 0.03	± 0.04
	pCi/L	02/11/1998	0001	0.04		U	# 0.01	± 0.03
	pCi/L	02/11/1998	0002	0.06			# 0.01	± 0.04
pCi/L	08/20/1998	0001	0.29			# 0.15	± 0.10	
Radium-228	pCi/L	10/08/1987	0001	0.2			# 1	± 1.30
	pCi/L	07/11/1989	0001	0.4			# 1	± 1.40
	pCi/L	04/20/1990	0001	0.0			# 1	± 0.80
	pCi/L	04/20/1990	N001	0.8			# 1	± 0.70
	pCi/L	12/08/1990	0001	0.9			# 1	± 0.80
	pCi/L	04/19/1991	N001	3.3			# 1	± 1.60
	pCi/L	08/05/1991	0001	0.8			# 1	± 1.50
	pCi/L	01/12/1992	0001	0.8			# 1	± 1.40



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Radium-228	pCi/L	06/28/1992	0001	0.4			# 1	± 2.00
	pCi/L	04/23/1994	0001	0.0	H		# 2.7	± 2.10
	pCi/L	03/31/1995	0001	0.0	N		# 2.2	± 1.60
	pCi/L	03/31/1995	N001	0.0	N		# 3.3	± 1.70
	pCi/L	09/16/1995	0001	0.4			# 1	± 0.50
	pCi/L	03/26/1997	0001	0.3	U		# 0.3	± 0.20
	pCi/L	02/11/1998	0001	0.9	U		# 0.9	± 0.50
	pCi/L	02/11/1998	0002	0.9	U		# 0.9	± 0.50
	pCi/L	08/20/1998	0001	0.67	U		# 0.67	± 0.38
Selenium	mg/L	01/30/1986	0001	0.005	U		# 0.005	-
	mg/L	06/10/1986	0001	0.005	U		# 0.005	-
	mg/L	10/08/1987	0001	0.003		J	# 0.005	-
	mg/L	07/11/1989	0001	0.005	U		# 0.005	-
	mg/L	04/20/1990	0001	0.005	U		# 0.005	-
	mg/L	04/20/1990	N001	0.005	U		# 0.005	-
	mg/L	12/08/1990	0001	0.005	U		# 0.005	-
	mg/L	04/19/1991	N001	0.005	U		# 0.005	-
	mg/L	08/04/1991	0001	0.005	U		# 0.005	-
	mg/L	01/12/1992	0001	0.002	U		# 0.002	-
	mg/L	06/28/1992	0001	0.005	U		# 0.005	-
	mg/L	04/23/1994	0001	0.005	U		# 0.005	-
	mg/L	04/23/1994	N001	0.005	U		# 0.005	-
	mg/L	11/15/1994	0001	0.005	U		# 0.005	-
	mg/L	03/31/1995	0001	0.005	U		# 0.005	-
	mg/L	03/31/1995	N001	0.005	U		# 0.005	-
	mg/L	09/16/1995	0001	0.005	U		# 0.005	-
	mg/L	09/16/1995	N001	0.005	U		# 0.005	-
	mg/L	01/07/1996	0001	0.005	U		# 0.005	-
	mg/L	01/07/1996	N001	0.005	U		# 0.005	-
	mg/L	03/26/1997	0001	0.0010	U		# 0.001	-
	mg/L	02/11/1998	0001	0.0010	U		# 0.001	-
	mg/L	02/11/1998	0002	0.0011	B		# -	-
mg/L	08/20/1998	0001	0.0010	UN	J	# 0.001	-	
mg/L	12/01/2000	0001	0.0008			# 0.0003	-	
mg/L	03/02/2001	0001	0.0009			# 0.0003	-	
Silica	mg/L	10/08/1987	0001	8.45			# 2	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Silica	mg/L	07/11/1989	0001	7.7			#	2	-
	mg/L	04/20/1990	0001	8			#	2	-
	mg/L	04/20/1990	N001	8			#	2	-
	mg/L	03/31/1995	0001	8.8			#	0.1	-
	mg/L	09/16/1995	0001	9.9			#	0.1	-
Silicon	mg/L	12/01/2000	0001	3.09	DI		#	0.21	-
	mg/L	03/02/2001	0001	2.53	DI	J	#	0.2	-
Silver	mg/L	10/08/1987	0001	0.01	U		#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.013			#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	UN	J	#	0.01	-
	mg/L	09/16/1995	N001	0.01	UN	J	#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
Sodium	mg/L	01/30/1986	0001	43.6			#	0.002	-
	mg/L	06/10/1986	0001	100			#	0.002	-
	mg/L	10/08/1987	0001	40.5			#	0.002	-
	mg/L	07/11/1989	0001	15.3			#	0.002	-
	mg/L	04/20/1990	0001	29.6			#	0.002	-
	mg/L	04/20/1990	N001	28.2			#	0.002	-
	mg/L	12/08/1990	0001	16.9			#	0.002	-
	mg/L	04/19/1991	N001	4.9			#	0.1	-
	mg/L	08/04/1991	0001	15			#	1	-
	mg/L	01/12/1992	0001	26.6			#	0.05	-
	mg/L	06/28/1992	0001	8.34			#	1	-
	mg/L	04/23/1994	0001	7			#	1	-
	mg/L	03/31/1995	0001	23			#	1	-
	mg/L	03/31/1995	N001	22			#	1	-
	mg/L	09/16/1995	0001	26			#	1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Sodium	mg/L	09/16/1995	N001	25			# 1	-
	mg/L	01/07/1996	0001	22.8			# 1	-
	mg/L	03/26/1997	0001	11.400			# -	-
	mg/L	02/11/1998	0001	30.800			# -	-
	mg/L	02/11/1998	0002	30.800			# -	-
	mg/L	08/20/1998	0001	17.400			# -	-
	mg/L	12/01/2000	0001	14.8	DI		# 0.12	-
	mg/L	03/02/2001	0001	24.7	DI		# 0.12	-
Specific Conductance	umhos/cm	01/30/1986	N001	430			# -	-
	umhos/cm	06/10/1986	N001	170			# -	-
	umhos/cm	10/08/1987	N001	420			# -	-
	umhos/cm	07/11/1989	N001	210			# -	-
	umhos/cm	04/20/1990	N001	500			# -	-
	umhos/cm	12/08/1990	N001	342			# -	-
	umhos/cm	04/19/1991	N001	242			# -	-
	umhos/cm	08/04/1991	N001	522			# -	-
	umhos/cm	08/05/1991	N001	522			# -	-
	umhos/cm	06/28/1992	N001	285			# -	-
	umhos/cm	04/23/1994	N001	225			# -	-
	umhos/cm	04/01/1995	N001	423			# 1	-
	umhos/cm	09/16/1995	N001	552			# 1	-
	umhos/cm	01/07/1996	N001	262			# 1	-
	umhos/cm	03/26/1997	N001	368			# -	-
	umhos/cm	02/11/1998	N001	800			# -	-
	umhos/cm	08/20/1998	N001	606			# -	-
	umhos/cm	12/01/2000	N001	588			# -	-
umhos/cm	03/02/2001	N001	672			# -	-	
Strontium	mg/L	07/11/1989	0001	0.9			# 0.1	-
	mg/L	04/20/1990	0001	1.16			# 0.1	-
	mg/L	04/20/1990	N001	1.08			# 0.1	-
	mg/L	12/08/1990	0001	1.0			# 0.1	-
	mg/L	04/19/1991	N001	0.26			# 0.01	-
	mg/L	08/04/1991	0001	0.92			# 0.01	-
	mg/L	01/12/1992	0001	0.93			# 0.01	-
	mg/L	06/28/1992	0001	0.492			# 0.01	-
	mg/L	04/23/1994	0001	0.34			# 0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Strontium	mg/L	04/23/1994	N001	0.36			# 0.01	-
	mg/L	11/15/1994	0001	1.09			# 0.01	-
	mg/L	03/31/1995	0001	0.79			# 0.01	-
	mg/L	03/31/1995	N001	0.77			# 0.01	-
	mg/L	09/16/1995	0001	1.30			# 0.01	-
	mg/L	09/16/1995	N001	1.19			# 0.01	-
	mg/L	12/01/2000	0001	1.04	DI		# 0.29	-
	mg/L	03/02/2001	0001	1	DI		# 0.28	-
Sulfate	mg/L	01/30/1986	0001	321			# 0.1	-
	mg/L	06/10/1986	0001	118			# 0.1	-
	mg/L	10/08/1987	0001	337			# 0.1	-
	mg/L	07/11/1989	0001	123			# 0.1	-
	mg/L	04/20/1990	0001	243			# 0.1	-
	mg/L	04/20/1990	N001	242			# 0.1	-
	mg/L	12/08/1990	0001	178			# 0.1	-
	mg/L	04/19/1991	N001	0.1	U		# 0.1	-
	mg/L	08/04/1991	0001	117			# 10	-
	mg/L	01/12/1992	0001	214			# 0.1	-
	mg/L	06/28/1992	0001	83			# 1	-
	mg/L	04/23/1994	0001	56			# 1	-
	mg/L	11/15/1994	0001	197			# 1	-
	mg/L	03/31/1995	0001	170			# 1	-
	mg/L	09/16/1995	0001	233			# 1	-
	mg/L	01/07/1996	0001	211	I		# 1	-
	mg/L	03/26/1997	0001	74.100			# -	-
	mg/L	02/11/1998	0001	251.000			# -	-
	mg/L	02/11/1998	0002	252.000			# -	-
	mg/L	08/20/1998	0001	190.000			# -	-
mg/L	12/01/2000	0001	198	DI		# 0.08	-	
mg/L	03/02/2001	0001	192	DI		# 0.04	-	
Sulfide	mg/L	06/10/1986	0001	0.1	U		# 0.1	-
	mg/L	07/11/1989	0001	0.1	U		# 0.1	-
	mg/L	04/20/1990	0001	0.1	U		# 0.1	-
	mg/L	12/08/1990	0001	0.1	U	J	# 0.1	-
	mg/L	04/19/1991	N001	1	U		# 1	-
	mg/L	08/04/1991	0001	1.0			# 0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sulfide	mg/L	01/12/1992	0001	0.1	U		#	0.1	-
	mg/L	06/28/1992	0001	1.49			#	1	-
Temperature	C	01/30/1986	N001	2			#	-	-
	C	06/10/1986	N001	11			#	-	-
	C	10/08/1987	N001	12.0			#	-	-
	C	07/11/1989	N001	26.0			#	-	-
	C	04/20/1990	N001	15.0			#	-	-
	C	12/08/1990	N001	0.9			#	-	-
	C	04/19/1991	N001	5.9			#	-	-
	C	08/04/1991	N001	22.5			#	-	-
	C	08/05/1991	N001	22.5			#	-	-
	C	06/28/1992	N001	18.7			#	-	-
	C	04/23/1994	N001	12.6			#	-	-
	C	04/01/1995	N001	8.7			#	0.1	-
	C	09/16/1995	N001	13.0			#	0.1	-
	C	01/07/1996	N001	-0.1			#	0.1	-
	C	03/26/1997	N001	7.9			#	-	-
	C	02/11/1998	N001	2.2			#	-	-
	C	08/20/1998	N001	22.7			#	-	-
C	12/01/2000	N001	1.8			#	-	-	
C	03/02/2001	N001	3.48			#	-	-	
Thallium	mg/L	07/11/1989	0001	0.1	U		#	0.1	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
Thorium-230	pCi/L	07/11/1989	0001	0.1			#	1	± 0.20
	pCi/L	04/20/1990	0001	0.0			#	1	± 0.30
	pCi/L	04/20/1990	N001	0.0			#	1	± 0.50
	pCi/L	04/23/1994	N001	0.2	N*	J	#	0.2	± 0.10
Tin	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	N001	0.005	U		#	0.005	-
	mg/L	12/08/1990	0001	0.005	U		#	0.005	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Tin	mg/L	04/19/1991	N001	0.01	UI		#	0.01	-
	mg/L	08/04/1991	0001	0.05	UI		#	0.05	-
	mg/L	01/12/1992	0001	0.005	U		#	0.005	-
	mg/L	06/28/1992	0001	0.005	U		#	0.005	-
Total Cyanide	mg/L	07/11/1989	0001	0.02	U		#	0.02	-
	mg/L	04/20/1990	0001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.01	U		#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.01	U		#	0.01	-
Total Dissolved Solids	mg/L	01/30/1986	0001	633			#	10	-
	mg/L	06/10/1986	0001	254			#	10	-
	mg/L	10/08/1987	0001	710			#	10	-
	mg/L	07/11/1989	0001	315			#	10	-
	mg/L	04/20/1990	0001	430			#	10	-
	mg/L	04/20/1990	N001	446			#	10	-
	mg/L	12/08/1990	0001	396			#	10	-
	mg/L	08/04/1991	0001	348			#	10	-
	mg/L	01/12/1992	0001	452			#	4	-
	mg/L	06/28/1992	0001	200			#	10	-
	mg/L	04/23/1994	0001	220			#	10	-
	mg/L	11/15/1994	0001	438			#	10	-
	mg/L	03/31/1995	0001	380			#	10	-
	mg/L	09/16/1995	0001	500			#	10	-
	mg/L	01/07/1996	0001	450			#	10	-
	mg/L	03/26/1997	0001	235			#	-	-
	mg/L	02/11/1998	0001	520			#	-	-
	mg/L	02/11/1998	0002	527			#	-	-
	mg/L	08/20/1998	0001	395			#	-	-
	mg/L	12/01/2000	0001	440			#	-	-
Total Kjeldahl Nitrogen	mg/L	01/12/1992	0001	1.0	U		#	1	-
	mg/L	06/28/1992	0001	1	U		#	1	-
Total Organic Carbon	mg/L	07/11/1989	0001	1			#	1	-
	mg/L	04/20/1990	N001	15			#	1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Total Organic Carbon	mg/L	04/19/1991	N001	7			# 1	-
	mg/L	04/23/1994	N001	7			# 1	-
Total Phosphorus as PO4	mg/L	10/08/1987	0001	0.1	U		# 0.1	-
	mg/L	07/11/1989	0001	0.1	U		# 0.1	-
	mg/L	04/20/1990	0001	0.1	U		# 0.1	-
	mg/L	04/20/1990	N001	0.1	U		# 0.1	-
	mg/L	12/08/1990	0001	0.1	U		# 0.1	-
	mg/L	04/19/1991	N001	0.5			# 0.1	-
	mg/L	08/04/1991	0001	0.1			# 0.1	-
	mg/L	01/12/1992	0001	0.1	U		# 0.1	-
	mg/L	06/28/1992	0001	0.1	U		# 0.1	-
	mg/L	03/31/1995	N001	0.1	U		# 0.1	-
Turbidity	NTU	03/26/1997	N001	76.2			# -	-
	NTU	02/11/1998	N001	5.75			# -	-
	NTU	08/20/1998	N001	4.27			# -	-
Uranium	mg/L	01/30/1986	0001	0.0008		J	# 0.003	-
	mg/L	06/10/1986	0001	0.0012		J	# 0.003	-
	mg/L	10/08/1987	0001	0.0037			# 0.003	-
	mg/L	07/11/1989	0001	0.003			# 0.003	-
	mg/L	04/20/1990	0001	0.0027		J	# 0.003	-
	mg/L	04/20/1990	N001	0.0030			# 0.003	-
	mg/L	12/08/1990	0001	0.0018			# 0.0003	-
	mg/L	04/19/1991	N001	0.001	U		# 0.001	-
	mg/L	08/05/1991	0001	0.001			# 0.001	-
	mg/L	01/12/1992	0001	0.0025			# 0.0003	-
	mg/L	06/28/1992	0001	0.001	U		# 0.001	-
	mg/L	04/23/1994	0001	0.001	U		# 0.001	-
	mg/L	04/23/1994	N001	0.001	U		# 0.001	-
	mg/L	11/15/1994	0001	0.002		J	# 0.001	-
	mg/L	03/31/1995	0001	0.002			# 0.001	-
	mg/L	03/31/1995	N001	0.002			# 0.001	-
	mg/L	09/16/1995	0001	0.003			# 0.001	-
	mg/L	09/16/1995	N001	0.002			# 0.001	-
	mg/L	01/07/1996	0001	0.007			# 0.001	-
	mg/L	01/07/1996	N001	0.009			# 0.001	-
mg/L	03/26/1997	0001	0.0013			# -	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Uranium	mg/L	02/11/1998	0001	0.0028			#	-	-
	mg/L	02/11/1998	0002	0.0029			#	-	-
	mg/L	08/20/1998	0001	0.0015			#	-	-
	mg/L	12/01/2000	0001	0.0022			#	0.0005	-
	mg/L	03/02/2001	0001	0.00244			#	0.001	-
Vanadium	mg/L	06/10/1986	0001	0.42			#	0.01	-
	mg/L	10/08/1987	0001	0.03			#	0.01	-
	mg/L	07/11/1989	0001	0.01	U		#	0.01	-
	mg/L	04/20/1990	0001	0.01			#	0.01	-
	mg/L	04/20/1990	N001	0.01	U		#	0.01	-
	mg/L	12/08/1990	0001	0.02			#	0.01	-
	mg/L	04/19/1991	N001	0.01	U		#	0.01	-
	mg/L	08/04/1991	0001	0.01	U		#	0.01	-
	mg/L	01/12/1992	0001	0.01	U		#	0.01	-
	mg/L	06/28/1992	0001	0.013			#	0.01	-
	mg/L	04/23/1994	0001	0.01	U		#	0.01	-
	mg/L	04/23/1994	N001	0.01	U		#	0.01	-
	mg/L	11/15/1994	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	U		#	0.01	-
	mg/L	09/16/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
	mg/L	03/26/1997	0001	0.0050	U		#	0.005	-
	mg/L	02/11/1998	0001	0.0040	U		#	0.004	-
	mg/L	02/11/1998	0002	0.0040	U		#	0.004	-
	mg/L	08/20/1998	0001	0.0020	U		#	0.002	-
mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-	
mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-	
Zinc	mg/L	10/08/1987	0001	0.006			#	0.005	-
	mg/L	07/11/1989	0001	0.005	U		#	0.005	-
	mg/L	04/20/1990	0001	0.013			#	0.005	-
	mg/L	04/20/1990	N001	0.026			#	0.005	-
	mg/L	12/08/1990	0001	0.013			#	0.005	-
	mg/L	04/19/1991	N001	0.097			#	0.005	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0533 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Zinc	mg/L	08/04/1991	0001	0.005	U		#	0.005	-
	mg/L	01/12/1992	0001	0.010			#	0.005	-
	mg/L	06/28/1992	0001	0.012			#	0.005	-
	mg/L	04/23/1994	0001	0.05	U		#	0.05	-
	mg/L	04/23/1994	N001	0.14			#	0.05	-
	mg/L	11/15/1994	0001	0.05	U		#	0.05	-
	mg/L	12/01/2000	0001	0.04	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	04/24/1994	N001	90			# -	-
	mg/L	04/05/1995	N001	81		J	# 10	-
	mg/L	03/25/1997	N001	110			# -	-
	mg/L	02/11/1998	N001	148			# -	-
	mg/L	08/18/1998	0001	104			# -	-
	mg/L	08/18/1998	N001	105			# -	-
	mg/L	02/15/2000	0001	139			# -	-
	mg/L	02/15/2000	N001	152			# -	-
Aluminum	mg/L	04/05/1995	0001	0.06		J	# 0.05	-
	mg/L	04/05/1995	N001	2.17	*		# 0.05	-
Ammonium	mg/L	04/05/1995	N001	0.1	U		# 0.1	-
Antimony	mg/L	04/24/1994	0001	0.003	U		# 0.003	-
	mg/L	11/16/1994	0001	0.003	UW	J	# 0.003	-
	mg/L	04/05/1995	0001	0.003	U		# 0.003	-
	mg/L	04/05/1995	N001	0.003	U		# 0.003	-
	mg/L	03/25/1997	0001	0.0010	U		# 0.001	-
	mg/L	02/11/1998	0001	0.0010	U		# 0.001	-
	mg/L	08/18/1998	0001	0.0010	U		# 0.001	-
	mg/L	02/15/2000	0001	0.0004	U		# 0.0004	-
Arsenic	mg/L	04/24/1994	0001	0.005	U		# 0.005	-
	mg/L	04/24/1994	N001	0.005	U		# 0.005	-
	mg/L	11/16/1994	0001	0.005	U		# 0.005	-
	mg/L	04/05/1995	0001	0.005	U		# 0.005	-
	mg/L	04/05/1995	N001	0.005	U		# 0.005	-
	mg/L	03/25/1997	0001	0.00025	B		# -	-
	mg/L	02/11/1998	0001	0.0010	U		# 0.001	-
	mg/L	08/18/1998	0001	0.0010	U		# 0.001	-
	mg/L	02/15/2000	0001	0.0004	U	UJ	# 0.0004	-
Barium	mg/L	04/05/1995	0001	0.1	U		# 0.1	-
	mg/L	04/05/1995	N001	0.1	U		# 0.1	-
Boron	mg/L	04/05/1995	0001	0.1	U		# 0.1	-
	mg/L	04/05/1995	N001	0.1	U		# 0.1	-
Bromide	mg/L	04/24/1994	0001	0.1	U		# 0.1	-
	mg/L	11/16/1994	0001	0.10	U		# 0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Calcium	mg/L	04/24/1994	0001	40.6			# 0.5	-
	mg/L	11/16/1994	0001	88.9			# 0.1	-
	mg/L	04/05/1995	N001	38.4			# 0.5	-
	mg/L	03/25/1997	0001	41.300			# -	-
	mg/L	02/11/1998	0001	92.800			# -	-
	mg/L	08/18/1998	0001	77.800			# -	-
	mg/L	02/15/2000	0001	89.600			# -	-
Chloride	mg/L	04/24/1994	0001	2.2			# 0.5	-
	mg/L	11/16/1994	0001	4.03			# 0.5	-
	mg/L	04/05/1995	0001	3.0			# 0.5	-
	mg/L	03/25/1997	0001	3.680			# -	-
	mg/L	02/11/1998	0001	8.710			# -	-
	mg/L	08/18/1998	0001	4.740			# -	-
	mg/L	02/15/2000	0001	9.800			# -	-
Dissolved Organic Carbon	mg/L	04/24/1994	0001	5			# 1	-
Fluoride	mg/L	04/24/1994	0001	0.1	U		# 0.1	-
	mg/L	11/16/1994	0001	0.19			# 0.1	-
	mg/L	04/05/1995	0001	0.1			# 0.1	-
Gross Alpha	pCi/L	04/24/1994	0001	0.9	N*	J	# 1.1	± 0.50
	pCi/L	04/24/1994	N001	2.2			# 1.3	± 0.70
	pCi/L	03/25/1997	0001	2.56	U		# 2.56	± 1.41
	pCi/L	02/11/1998	0001	6.78			# 3.52	± 2.88
	pCi/L	08/18/1998	0001	3.79	U	J	# 3.79	± 2.30
	pCi/L	02/15/2000	0001	7.71	U	J	# 7.71	± 4.68
Gross Beta	pCi/L	04/24/1994	0001	3.0	N*	J	# 1.3	± 0.70
	pCi/L	04/24/1994	N001	3.8	N*	J	# 1.8	± 0.80
	pCi/L	03/25/1997	0001	3.14			# 2.9	± 1.82
	pCi/L	02/11/1998	0001	7.78			# 4.67	± 3.06
	pCi/L	08/18/1998	0001	4.20	U		# 4.2	± 2.54
	pCi/L	02/15/2000	0001	12.77	U		# 12.77	± 7.56
Iron	mg/L	04/24/1994	0001	0.03	U		# 0.03	-
	mg/L	04/24/1994	N001	1.92			# 0.03	-
	mg/L	11/16/1994	0001	0.03	U		# 0.03	-
	mg/L	04/05/1995	0001	0.03	U		# 0.03	-
	mg/L	04/05/1995	N001	1.80			# 0.03	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lead-210	pCi/L	04/24/1994	N001	0.7	H		#	2.3	± 0.90
	pCi/L	04/04/1995	0001	0.0	*	J	#	1.6	± 0.70
	pCi/L	04/05/1995	N001	0.5	*	J	#	1.2	± 0.50
	pCi/L	03/25/1997	0001	1.08	U		#	1.08	± 0.64
	pCi/L	02/11/1998	0001	0.88	U		#	0.88	± 0.52
	pCi/L	08/18/1998	0001	0.92	U		#	0.92	± 0.54
	pCi/L	02/15/2000	0001	1.04	U		#	1.04	± 0.60
Magnesium	mg/L	04/24/1994	0001	7.9			#	0.1	-
	mg/L	11/16/1994	0001	22.7			#	0.1	-
	mg/L	04/05/1995	0001	1.8			#	0.1	-
	mg/L	04/05/1995	N001	10.0			#	0.1	-
	mg/L	03/25/1997	0001	12.400			#	-	-
	mg/L	02/11/1998	0001	31.800			#	-	-
	mg/L	08/18/1998	0001	19.900			#	-	-
Manganese	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.13			#	0.01	-
	mg/L	11/16/1994	0001	0.02			#	0.01	-
	mg/L	04/05/1995	0001	0.01	U		#	0.01	-
	mg/L	04/05/1995	N001	0.09			#	0.01	-
	mg/L	03/25/1997	0001	0.0230			#	-	-
	mg/L	02/11/1998	0001	0.0323			#	-	-
Molybdenum	mg/L	08/18/1998	0001	0.0213			#	-	-
	mg/L	02/15/2000	0001	0.0287			#	-	-
	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	04/05/1995	0001	0.01	U		#	0.01	-
	mg/L	04/05/1995	N001	0.01	U		#	0.01	-
Nitrate	mg/L	03/25/1997	0001	0.0020	B		#	-	-
	mg/L	02/11/1998	0001	0.0028	B		#	-	-
	mg/L	08/18/1998	0001	0.0038	B		#	-	-
	mg/L	02/15/2000	0001	0.003	B		#	-	-
	mg/L	04/24/1994	N001	1	U		#	1	-
	mg/L	11/16/1994	0001	1.0	U		#	1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Nitrate	mg/L	04/05/1995	N001	1	U		# 1	-
	mg/L	03/25/1997	0001	0.692	B		# -	-
	mg/L	02/11/1998	0001	0.563	B		# -	-
	mg/L	08/18/1998	0001	0.187	B		# -	-
	mg/L	02/15/2000	0001	0.157	B		# -	-
Oxidation Reduction Potent	mV	03/25/1997	N001	127			# -	-
	mV	02/11/1998	N001	56			# -	-
	mV	08/18/1998	N001	174			# -	-
	mV	02/15/2000	N001	182			# -	-
pH	s.u.	04/24/1994	N001	8.15			# -	-
	s.u.	04/05/1995	N001	7.89			# 0.1	-
	s.u.	03/25/1997	N001	8.34			# -	-
	s.u.	02/11/1998	N001	8.09			# -	-
	s.u.	08/18/1998	N001	8.29			# -	-
	s.u.	02/15/2000	N001	8.08			# -	-
Polonium-210	pCi/L	04/24/1994	N001	0.0			# 0.1	± 0.10
	pCi/L	04/04/1995	0001	0.0			# 0.2	± 0.20
	pCi/L	04/05/1995	N001	0.1			# 0.1	± 0.10
	pCi/L	03/25/1997	0001	0.20		U	# 0.06	± 0.14
	pCi/L	02/11/1998	0001	0.16		U	# 0.06	± 0.11
	pCi/L	08/18/1998	0001	0.08	U		# 0.08	± 0.08
	pCi/L	02/15/2000	0001	0.07	U		# 0.07	± 0.07
Potassium	mg/L	04/24/1994	0001	1.7			# 0.1	-
	mg/L	04/05/1995	0001	0.5			# 0.1	-
	mg/L	04/05/1995	N001	2.9			# 0.1	-
	mg/L	03/25/1997	0001	2.540			# -	-
	mg/L	02/11/1998	0001	1.700			# -	-
	mg/L	08/18/1998	0001	2.170			# -	-
	mg/L	02/15/2000	0001	1.650	E	J	# -	-
Radium-226	pCi/L	04/24/1994	0001	0.1	*		# -	± 0.10
	pCi/L	04/24/1994	N001	0.1			# 0.1	± 0.10
	pCi/L	04/04/1995	0001	0.1			# -	± 0.10
	pCi/L	04/05/1995	N001	0.1			# 0.1	± 0.10
	pCi/L	03/25/1997	0001	0.06			# 0.02	± 0.04
	pCi/L	02/11/1998	0001	0.05			# 0.01	± 0.03

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-226	pCi/L	08/18/1998	0001	0.16	U		#	0.16	± 0.08
	pCi/L	02/15/2000	0001	0.13	U		#	0.13	± 0.08
Radium-228	pCi/L	04/24/1994	0001	0.0	H		#	2.5	± 1.10
	pCi/L	04/04/1995	0001	0.0	N	J	#	2.6	± 1.90
	pCi/L	04/05/1995	N001	0.0	N	J	#	2.2	± 1.70
	pCi/L	03/25/1997	0001	0.3	U		#	0.3	± 0.20
	pCi/L	02/11/1998	0001	0.9	U		#	0.9	± 0.50
	pCi/L	08/18/1998	0001	0.70	U		#	0.7	± 0.42
	pCi/L	02/15/2000	0001	0.77	U		#	0.77	± 0.45
Selenium	mg/L	04/24/1994	0001	0.005	U		#	0.005	-
	mg/L	04/24/1994	N001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	04/05/1995	0001	0.005	U		#	0.005	-
	mg/L	04/05/1995	N001	0.005	U		#	0.005	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	B		#	-	-
	mg/L	08/18/1998	0001	0.0010	UN	J	#	0.001	-
mg/L	02/15/2000	0001	0.00079	B		#	-	-	
Silica	mg/L	04/05/1995	0001	8.6			#	0.1	-
Silver	mg/L	04/05/1995	0001	0.01	U		#	0.01	-
	mg/L	04/05/1995	N001	0.01	U		#	0.01	-
Sodium	mg/L	04/24/1994	0001	6			#	1	-
	mg/L	04/05/1995	0001	2			#	1	-
	mg/L	04/05/1995	N001	9			#	1	-
	mg/L	03/25/1997	0001	12.100			#	-	-
	mg/L	02/11/1998	0001	30.900			#	-	-
	mg/L	08/18/1998	0001	19.000			#	-	-
	mg/L	02/15/2000	0001	33.000			#	-	-
Specific Conductance	umhos/cm	04/24/1994	N001	254			#	-	-
	umhos/cm	04/05/1995	N001	230			#	1	-
	umhos/cm	03/25/1997	N001	372			#	-	-
	umhos/cm	02/11/1998	N001	835			#	-	-
	umhos/cm	08/18/1998	N001	630			#	-	-
	umhos/cm	02/15/2000	N001	812			#	-	-
Strontium	mg/L	04/24/1994	0001	0.34			#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Strontium	mg/L	04/24/1994	N001	0.36			# 0.01	-
	mg/L	11/16/1994	0001	1.11			# 0.01	-
	mg/L	04/05/1995	0001	0.07			# 0.01	-
	mg/L	04/05/1995	N001	0.38			# 0.01	-
Sulfate	mg/L	04/24/1994	0001	56			# 1	-
	mg/L	11/16/1994	0001	193			# 1	-
	mg/L	04/05/1995	0001	59			# 1	-
	mg/L	03/25/1997	0001	76.300			# -	-
	mg/L	02/11/1998	0001	248.000			# -	-
	mg/L	08/18/1998	0001	202.000			# -	-
	mg/L	02/15/2000	0001	284.000			# -	-
Temperature	C	04/24/1994	N001	11.2			# -	-
	C	04/05/1995	N001	8.0			# 0.1	-
	C	03/25/1997	N001	6.9			# -	-
	C	02/11/1998	N001	0.3			# -	-
	C	08/18/1998	N001	19.8			# -	-
	C	02/15/2000	N001	2.6			# -	-
Thorium-230	pCi/L	04/24/1994	N001	0.1	N*	J	# 0.2	± 0.10
Total Dissolved Solids	mg/L	04/24/1994	0001	220			# 10	-
	mg/L	11/16/1994	0001	444			# 10	-
	mg/L	04/05/1995	0001	200			# 10	-
	mg/L	03/25/1997	0001	247			# -	-
	mg/L	02/11/1998	0001	552			# -	-
	mg/L	08/18/1998	0001	475			# -	-
	mg/L	02/15/2000	0001	2040			# -	-
Total Organic Carbon	mg/L	04/24/1994	N001	7			# 1	-
Total Phosphorus as PO4	mg/L	04/05/1995	N001	0.3			# 0.1	-
Turbidity	NTU	03/25/1997	N001	103			# -	-
	NTU	02/11/1998	N001	15.7			# -	-
	NTU	08/18/1998	N001	6.42			# -	-
	NTU	02/15/2000	N001	4.32			# -	-
Uranium	mg/L	04/24/1994	0001	0.001	U		# 0.001	-
	mg/L	04/24/1994	N001	0.001	U		# 0.001	-
	mg/L	11/16/1994	0001	0.002		J	# 0.001	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Uranium	mg/L	04/05/1995	0001	0.001	U		#	0.001	-
	mg/L	04/05/1995	N001	0.001	U		#	0.001	-
	mg/L	03/25/1997	0001	0.0012			#	-	-
	mg/L	02/11/1998	0001	0.0027			#	-	-
	mg/L	08/18/1998	0001	0.0014			#	-	-
	mg/L	02/15/2000	0001	0.0032			#	-	-
Vanadium	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	04/05/1995	0001	0.01			#	0.01	-
	mg/L	04/05/1995	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0050	U		#	0.005	-
	mg/L	02/11/1998	0001	0.0040	U		#	0.004	-
	mg/L	08/18/1998	0001	0.0020	U		#	0.002	-
Zinc	mg/L	02/15/2000	0001	0.001	U		#	0.001	-
	mg/L	04/24/1994	0001	0.05	U		#	0.05	-
	mg/L	04/24/1994	N001	0.10			#	0.05	-
	mg/L	11/16/1994	0001	0.05	U		#	0.05	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0534 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	04/23/1994	N001	88			#	-	-
	mg/L	04/01/1995	N001	118		J	#	10	-
	mg/L	03/25/1997	N001	120			#	-	-
	mg/L	02/11/1998	N001	141			#	-	-
	mg/L	08/18/1998	0001	105			#	-	-
	mg/L	08/18/1998	N001	99			#	-	-
	mg/L	12/01/2000	0001	111			#	-	-
	mg/L	03/02/2001	0001	116			#	-	-
Aluminum	mg/L	04/01/1995	0001	0.06		J	#	0.05	-
	mg/L	04/01/1995	N001	0.89			#	0.05	-
	mg/L	12/01/2000	0001	0.29	UDI		#	0.29	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Ammonium	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Antimony	mg/L	04/23/1994	0001	0.003			#	0.003	-
	mg/L	11/16/1994	0001	0.003	U		#	0.003	-
	mg/L	04/01/1995	0001	0.003	U		#	0.003	-
	mg/L	04/01/1995	N001	0.003	U		#	0.003	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
Arsenic	mg/L	04/23/1994	0001	0.005	U		#	0.005	-
	mg/L	04/23/1994	N001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	N001	0.005	U		#	0.005	-
	mg/L	03/25/1997	0001	0.00022	B		#	-	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
	mg/L	12/01/2000	0001	0.0006			#	0.0002	-
	mg/L	03/02/2001	0001	0.0006			#	0.0002	-
Barium	mg/L	04/01/1995	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	12/01/2000	0001	0.04	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	04/01/1995	0001	0.1	U		#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Boron	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	04/23/1994	0001	0.1	U		#	0.1	-
	mg/L	11/16/1994	0001	0.10	U		#	0.1	-
	mg/L	12/01/2000	0001	0.04	DI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	DI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	04/23/1994	0001	40.0			#	0.5	-
	mg/L	11/16/1994	0001	93.6			#	0.1	-
	mg/L	04/01/1995	0001	56.7			#	0.5	-
	mg/L	04/01/1995	N001	62.2			#	0.5	-
	mg/L	03/25/1997	0001	39.200			#	-	-
	mg/L	02/11/1998	0001	89.900			#	-	-
	mg/L	08/18/1998	0001	77.700			#	-	-
	mg/L	12/01/2000	0001	52	DI		#	0.2	-
	mg/L	03/02/2001	0001	78.8	DI		#	0.2	-
Chloride	mg/L	04/23/1994	0001	1.9			#	0.5	-
	mg/L	11/16/1994	0001	3.81			#	0.5	-
	mg/L	04/01/1995	0001	6.4			#	0.5	-
	mg/L	03/25/1997	0001	3.130			#	-	-
	mg/L	02/11/1998	0001	8.660			#	-	-
	mg/L	08/18/1998	0001	4.620			#	-	-
	mg/L	12/01/2000	0001	4.6	DI		#	0.01	-
	mg/L	03/02/2001	0001	7.28	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Organic Carbon	mg/L	04/23/1994	0001	9			#	1	-
Dissolved Oxygen	mg/L	12/01/2000	N001	12.2			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Dissolved Oxygen	mg/L	03/02/2001	N001	13.7			# -	-
Eh	mV	03/02/2001	N001	362			# -	-
Fluoride	mg/L	04/23/1994	0001	0.1	U		# 0.1	-
	mg/L	11/16/1994	0001	0.21			# 0.1	-
	mg/L	04/01/1995	0001	0.2			# 0.1	-
Gross Alpha	pCi/L	04/23/1994	0001	0.8			# 1.2	± 0.50
	pCi/L	04/23/1994	N001	0.0			# 1.2	± 0.50
	pCi/L	03/25/1997	0001	2.50	U		# 2.5	± 1.29
	pCi/L	02/11/1998	0001	10.89			# 3.48	± 3.36
	pCi/L	08/18/1998	0001	3.83	U	J	# 3.83	± 2.28
Gross Beta	pCi/L	04/23/1994	0001	2.4	N*	J	# 1.8	± 0.60
	pCi/L	04/23/1994	N001	1.8	N*	J	# 1.8	± 0.60
	pCi/L	03/25/1997	0001	3.01			# 2.89	± 1.81
	pCi/L	02/11/1998	0001	10.60			# 4.72	± 3.22
	pCi/L	08/18/1998	0001	4.20	U		# 4.2	± 2.52
Iron	mg/L	04/23/1994	0001	0.05			# 0.03	-
	mg/L	04/23/1994	N001	2.02			# 0.03	-
	mg/L	11/16/1994	0001	0.03	U		# 0.03	-
	mg/L	04/01/1995	0001	0.03	U		# 0.03	-
	mg/L	04/01/1995	N001	0.66			# 0.03	-
	mg/L	12/01/2000	0001	0.03	UDI		# 0.03	-
	mg/L	03/02/2001	0001	0.03	UDI		# 0.03	-
Lead	mg/L	12/01/2000	0001	0.2	UDI		# 0.2	-
	mg/L	03/02/2001	0001	0.2	UDI		# 0.2	-
Lead-210	pCi/L	04/23/1994	N001	0.5	H		# 1.3	± 0.60
	pCi/L	04/01/1995	0001	0.8	*	J	# 1	± 0.50
	pCi/L	04/01/1995	N001	0.4	*	J	# 1	± 0.40
	pCi/L	03/25/1997	0001	1.09	U		# 1.09	± 0.65
	pCi/L	02/11/1998	0001	0.87	U		# 0.87	± 0.51
	pCi/L	08/18/1998	0001	0.94	U		# 0.94	± 0.54
Lithium	mg/L	12/01/2000	0001	0.03	UDI		# 0.03	-
	mg/L	03/02/2001	0001	0.03	DI		# 0.028	-
Magnesium	mg/L	04/23/1994	0001	8.3			# 0.1	-
	mg/L	11/16/1994	0001	24.3			# 0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	04/01/1995	0001	17.2			#	0.1	-
	mg/L	04/01/1995	N001	18.7			#	0.1	-
	mg/L	03/25/1997	0001	11.400			#	-	-
	mg/L	02/11/1998	0001	30.900			#	-	-
	mg/L	08/18/1998	0001	20.100			#	-	-
	mg/L	12/01/2000	0001	21.2	DI		#	0.16	-
	mg/L	03/02/2001	0001	24.4	DI		#	0.16	-
Manganese	mg/L	04/23/1994	0001	0.01			#	0.01	-
	mg/L	04/23/1994	N001	0.10			#	0.01	-
	mg/L	11/16/1994	0001	0.02			#	0.01	-
	mg/L	04/01/1995	0001	0.02			#	0.01	-
	mg/L	04/01/1995	N001	0.05			#	0.01	-
	mg/L	03/25/1997	0001	0.0199			#	-	-
	mg/L	02/11/1998	0001	0.0307			#	-	-
	mg/L	08/18/1998	0001	0.0190			#	-	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	04/23/1994	0001	0.01	U		#	0.01	-
	mg/L	04/23/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0018	B		#	-	-
	mg/L	02/11/1998	0001	0.0028	B		#	-	-
	mg/L	08/18/1998	0001	0.0037	B		#	-	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	12/01/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	04/23/1994	N001	1	U		#	1	-
	mg/L	11/16/1994	0001	1.0	U		#	1	-
	mg/L	04/01/1995	N001	1	U		#	1	-
	mg/L	03/25/1997	0001	0.597	B		#	-	-
	mg/L	02/11/1998	0001	0.564	B		#	-	-
	mg/L	08/18/1998	0001	0.117	B		#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Nitrate	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	04/01/1995	N001	227			#	-	-
	mV	03/25/1997	N001	108			#	-	-
	mV	02/11/1998	N001	44			#	-	-
	mV	08/18/1998	N001	191			#	-	-
	mV	03/02/2001	N001	147			#	-	-
pH	s.u.	04/23/1994	N001	8.17			#	-	-
	s.u.	04/01/1995	N001	8.55			#	0.1	-
	s.u.	03/25/1997	N001	8.37			#	-	-
	s.u.	02/11/1998	N001	7.82			#	-	-
	s.u.	08/18/1998	N001	8.18			#	-	-
	s.u.	12/01/2000	N001	8.4			#	-	-
	s.u.	03/02/2001	N001	8.57			#	-	-
Phosphorus	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Polonium-210	pCi/L	04/23/1994	N001	0.0			#	0.1	± 0.00
	pCi/L	04/01/1995	0001	0.0			#	0.1	± 0.10
	pCi/L	04/01/1995	N001	0.0			#	0.1	± 0.10
	pCi/L	03/25/1997	0001	0.13		U	#	0.1	± 0.14
	pCi/L	02/11/1998	0001	0.18		U	#	0.04	± 0.10
	pCi/L	08/18/1998	0001	0.08		U	#	0.06	± 0.08
Potassium	mg/L	04/23/1994	0001	1.7			#	0.1	-
	mg/L	04/01/1995	0001	2.0			#	0.1	-
	mg/L	04/01/1995	N001	2.2			#	0.1	-
	mg/L	03/25/1997	0001	2.300			#	-	-
	mg/L	02/11/1998	0001	1.660			#	-	-
	mg/L	08/18/1998	0001	2.130			#	-	-
	mg/L	12/01/2000	0001	1.53	DI		#	0.2	-
	mg/L	03/02/2001	0001	1.65	DI		#	0.2	-
Radium-226	pCi/L	04/23/1994	0001	0.1			#	0.1	± 0.10
	pCi/L	04/23/1994	N001	0.0			#	-	± 0.10
	pCi/L	04/01/1995	0001	0.1	N	J	#	0.1	± 0.10
	pCi/L	04/01/1995	N001	0.2	N	J	#	0.1	± 0.10
	pCi/L	03/25/1997	0001	0.05			#	0.01	± 0.03

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-226	pCi/L	02/11/1998	0001	0.08			#	0.02	± 0.05
	pCi/L	08/18/1998	0001	0.13	U		#	0.13	± 0.07
Radium-228	pCi/L	04/23/1994	0001	0.0	H		#	1.6	± 1.40
	pCi/L	04/01/1995	0001	0.0	N		#	2.1	± 0.90
	pCi/L	04/01/1995	N001	0.0	N		#	1.9	± 1.00
	pCi/L	03/25/1997	0001	0.8	U		#	0.8	± 0.40
	pCi/L	02/11/1998	0001	1.0	U		#	1	± 0.50
	pCi/L	08/18/1998	0001	0.57	U		#	0.57	± 0.35
Selenium	mg/L	04/23/1994	0001	0.005	U		#	0.005	-
	mg/L	04/23/1994	N001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	N001	0.005	U		#	0.005	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	B		#	-	-
	mg/L	08/18/1998	0001	0.0010	UN	J	#	0.001	-
	mg/L	12/01/2000	0001	0.0007			#	0.0003	-
	mg/L	03/02/2001	0001	0.001			#	0.0003	-
Silica	mg/L	04/01/1995	0001	8.8			#	0.1	-
Silicon	mg/L	12/01/2000	0001	3.06	DI		#	0.2	-
	mg/L	03/02/2001	0001	2.65	DI	J	#	0.2	-
Silver	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
Sodium	mg/L	04/23/1994	0001	7			#	1	-
	mg/L	04/01/1995	0001	18			#	1	-
	mg/L	04/01/1995	N001	19			#	1	-
	mg/L	03/25/1997	0001	10.700			#	-	-
	mg/L	02/11/1998	0001	30.400			#	-	-
	mg/L	08/18/1998	0001	18.600			#	-	-
	mg/L	12/01/2000	0001	14	DI		#	0.12	-
	mg/L	03/02/2001	0001	24.2	DI		#	0.12	-
Specific Conductance	umhos/cm	04/23/1994	N001	236			#	-	-
	umhos/cm	04/01/1995	N001	389			#	1	-
	umhos/cm	03/25/1997	N001	361			#	-	-
	umhos/cm	02/11/1998	N001	826			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Specific Conductance	umhos/cm	08/18/1998	N001	630			# -	-
	umhos/cm	12/01/2000	N001	580			# -	-
	umhos/cm	03/02/2001	N001	656			# -	-
Strontium	mg/L	04/23/1994	0001	0.35			# 0.01	-
	mg/L	04/23/1994	N001	0.36			# 0.01	-
	mg/L	11/16/1994	0001	1.19			# 0.01	-
	mg/L	04/01/1995	0001	0.64			# 0.01	-
	mg/L	04/01/1995	N001	0.70			# 0.01	-
	mg/L	12/01/2000	0001	1	DI		# 0.29	-
	mg/L	03/02/2001	0001	1.01	DI		# 0.28	-
Sulfate	mg/L	04/23/1994	0001	55			# 1	-
	mg/L	11/16/1994	0001	208			# 1	-
	mg/L	04/01/1995	0001	144			# 1	-
	mg/L	03/25/1997	0001	68.000			# -	-
	mg/L	02/11/1998	0001	250.000			# -	-
	mg/L	08/18/1998	0001	203.000			# -	-
	mg/L	12/01/2000	0001	196	DI		# 0.08	-
	mg/L	03/02/2001	0001	201	DI		# 0.04	-
Temperature	C	04/23/1994	N001	13.5			# -	-
	C	04/01/1995	N001	10.2			# 0.1	-
	C	03/25/1997	N001	3.3			# -	-
	C	02/11/1998	N001	1.3			# -	-
	C	08/18/1998	N001	21.0			# -	-
	C	12/01/2000	N001	0.83			# -	-
	C	03/02/2001	N001	2.72			# -	-
Thorium-230	pCi/L	04/23/1994	N001	8.6	N*	J	# 0.7	± 1.40
Total Dissolved Solids	mg/L	04/23/1994	0001	220			# 10	-
	mg/L	11/16/1994	0001	470			# 10	-
	mg/L	04/01/1995	0001	340			# 10	-
	mg/L	03/25/1997	0001	235			# -	-
	mg/L	02/11/1998	0001	540			# -	-
	mg/L	08/18/1998	0001	465			# -	-
	mg/L	12/01/2000	0001	442			# -	-
Total Organic Carbon	mg/L	04/23/1994	N001	7			# 1	-
Total Phosphorus as PO4	mg/L	04/01/1995	N001	0.1			# 0.1	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Turbidity	NTU	03/25/1997	N001	86.3			#	-	-
	NTU	02/11/1998	N001	9.22			#	-	-
	NTU	08/18/1998	N001	8.26			#	-	-
Uranium	mg/L	04/23/1994	0001	0.001	U		#	0.001	-
	mg/L	04/23/1994	N001	0.001	U		#	0.001	-
	mg/L	11/16/1994	0001	0.002		J	#	0.001	-
	mg/L	04/01/1995	0001	0.002			#	0.001	-
	mg/L	04/01/1995	N001	0.002			#	0.001	-
	mg/L	03/25/1997	0001	0.0013			#	-	-
	mg/L	02/11/1998	0001	0.0027			#	-	-
	mg/L	08/18/1998	0001	0.0015			#	-	-
	mg/L	12/01/2000	0001	0.002			#	0.0005	-
	mg/L	03/02/2001	0001	0.00223			#	0.001	-
Vanadium	mg/L	04/23/1994	0001	0.01	U		#	0.01	-
	mg/L	04/23/1994	N001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0050	U		#	0.005	-
	mg/L	02/11/1998	0001	0.0040	U		#	0.004	-
	mg/L	08/18/1998	0001	0.0020	U		#	0.002	-
	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Zinc	mg/L	04/23/1994	0001	0.05	U		#	0.05	-
	mg/L	04/23/1994	N001	0.08			#	0.05	-
	mg/L	11/16/1994	0001	0.05	U		#	0.05	-
	mg/L	12/01/2000	0001	0.1	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0535 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	04/24/1994	N001	84			#	-	-
	mg/L	04/01/1995	N001	120		J	#	10	-
	mg/L	03/25/1997	N001	110			#	-	-
	mg/L	02/11/1998	N001	128			#	-	-
	mg/L	08/18/1998	0001	110			#	-	-
	mg/L	08/18/1998	N001	107			#	-	-
	mg/L	11/30/2000	0001	115			#	-	-
	mg/L	03/01/2001	0001	114			#	-	-
Aluminum	mg/L	04/01/1995	0001	0.05	U		#	0.05	-
	mg/L	04/01/1995	N001	0.75			#	0.05	-
	mg/L	11/30/2000	0001	0.29	UDI		#	0.29	-
	mg/L	03/01/2001	0001	0.28	UDI		#	0.28	-
Ammonium	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Antimony	mg/L	04/24/1994	0001	0.003	U		#	0.003	-
	mg/L	11/15/1994	0001	0.003	UW	J	#	0.003	-
	mg/L	04/01/1995	0001	0.003	U		#	0.003	-
	mg/L	04/01/1995	N001	0.003	U		#	0.003	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
Arsenic	mg/L	04/24/1994	0001	0.005	U		#	0.005	-
	mg/L	04/24/1994	N001	0.005	UW	J	#	0.005	-
	mg/L	11/15/1994	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	N001	0.005	UW	J	#	0.005	-
	mg/L	03/25/1997	0001	0.00028	B		#	-	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U		#	0.001	-
	mg/L	11/30/2000	0001	0.0007			#	0.0002	-
	mg/L	03/01/2001	0001	0.0007			#	0.0002	-
Barium	mg/L	04/01/1995	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	11/30/2000	0001	0.04	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	04/01/1995	0001	0.1	U		#	0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Boron	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	04/24/1994	0001	0.1	U		#	0.1	-
	mg/L	11/15/1994	0001	0.10	U		#	0.1	-
	mg/L	11/30/2000	0001	0.07	DI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	DI		#	0.04	-
Cadmium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	04/24/1994	0001	40.0			#	0.5	-
	mg/L	11/15/1994	0001	90.1			#	0.1	-
	mg/L	04/01/1995	0001	61.7			#	0.5	-
	mg/L	04/01/1995	N001	61.9			#	0.5	-
	mg/L	03/25/1997	0001	39.300			#	-	-
	mg/L	02/11/1998	0001	92.200			#	-	-
	mg/L	08/18/1998	0001	76.400			#	-	-
	mg/L	11/30/2000	0001	55	DI		#	0.2	-
	mg/L	03/01/2001	0001	78.4	DI		#	0.2	-
Chloride	mg/L	04/24/1994	0001	2.0			#	0.5	-
	mg/L	11/15/1994	0001	3.58			#	0.5	-
	mg/L	04/01/1995	0001	7.4			#	0.5	-
	mg/L	03/25/1997	0001	3.040			#	-	-
	mg/L	02/11/1998	0001	8.790			#	-	-
	mg/L	08/18/1998	0001	4.630			#	-	-
	mg/L	11/30/2000	0001	7	DI		#	0.01	-
	mg/L	03/01/2001	0001	7.46	DI		#	0.01	-
Chromium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Dissolved Organic Carbon	mg/L	04/24/1994	0001	5			#	1	-
Dissolved Oxygen	mg/L	11/30/2000	N001	10			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Dissolved Oxygen	mg/L	03/01/2001	N001	11.1			# -	-
Eh	mV	03/01/2001	N001	151			# -	-
Fluoride	mg/L	04/24/1994	0001	0.1	U		# 0.1	-
	mg/L	11/15/1994	0001	0.20			# 0.1	-
	mg/L	04/01/1995	0001	0.2			# 0.1	-
Gross Alpha	pCi/L	04/24/1994	0001	0.4			# 1.2	± 0.60
	pCi/L	04/24/1994	N001	1.4	N*	J	# 3.3	± 1.60
	pCi/L	03/25/1997	0001	2.50	U		# 2.5	± 1.40
	pCi/L	02/11/1998	0001	3.67	U		# 3.67	± 2.52
	pCi/L	08/18/1998	0001	3.88	U	J	# 3.88	± 2.28
Gross Beta	pCi/L	04/24/1994	0001	1.6	N*	J	# 1.7	± 0.70
	pCi/L	04/24/1994	N001	0.0	N*	J	# 7.9	± 3.10
	pCi/L	03/25/1997	0001	2.90	U		# 2.9	± 1.79
	pCi/L	02/11/1998	0001	5.28			# 4.65	± 2.93
	pCi/L	08/18/1998	0001	4.20	U		# 4.2	± 2.58
Iron	mg/L	04/24/1994	0001	0.04			# 0.03	-
	mg/L	04/24/1994	N001	3.61			# 0.03	-
	mg/L	11/15/1994	0001	0.03	U		# 0.03	-
	mg/L	04/01/1995	0001	0.03	U		# 0.03	-
	mg/L	04/01/1995	N001	0.59			# 0.03	-
	mg/L	11/30/2000	0001	0.03	UDI		# 0.03	-
	mg/L	03/01/2001	0001	0.03	UDI		# 0.03	-
Lead	mg/L	11/30/2000	0001	0.2	UDI		# 0.2	-
	mg/L	03/01/2001	0001	0.2	UDI		# 0.2	-
Lead-210	pCi/L	04/24/1994	N001	0.3			# 3.6	± 1.50
	pCi/L	04/01/1995	0001	0.9	*	J	# 1.3	± 0.60
	pCi/L	04/01/1995	N001	2.8	*	J	# 1.2	± 0.70
	pCi/L	03/25/1997	0001	1.07	U		# 1.07	± 0.63
	pCi/L	02/11/1998	0001	0.84	U		# 0.84	± 0.50
	pCi/L	08/18/1998	0001	0.89	U		# 0.89	± 0.51
Lithium	mg/L	11/30/2000	0001	0.03	UDI		# 0.03	-
	mg/L	03/01/2001	0001	0.03	UDI		# 0.03	-
Magnesium	mg/L	04/24/1994	0001	8.0			# 0.1	-
	mg/L	11/15/1994	0001	22.0			# 0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	04/01/1995	0001	18.5			#	0.1	-
	mg/L	04/01/1995	N001	18.4			#	0.1	-
	mg/L	03/25/1997	0001	11.500			#	-	-
	mg/L	02/11/1998	0001	31.300			#	-	-
	mg/L	08/18/1998	0001	19.800			#	-	-
	mg/L	11/30/2000	0001	32.9	DI		#	0.16	-
	mg/L	03/01/2001	0001	25	DI		#	0.16	-
Manganese	mg/L	04/24/1994	0001	0.01			#	0.01	-
	mg/L	04/24/1994	N001	0.18			#	0.01	-
	mg/L	11/15/1994	0001	0.02			#	0.01	-
	mg/L	04/01/1995	0001	0.02			#	0.01	-
	mg/L	04/01/1995	N001	0.04			#	0.01	-
	mg/L	03/25/1997	0001	0.0204			#	-	-
	mg/L	02/11/1998	0001	0.0339			#	-	-
	mg/L	08/18/1998	0001	0.0183			#	-	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.01	U		#	0.01	-
	mg/L	11/15/1994	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0017	B		#	-	-
	mg/L	02/11/1998	0001	0.0026	B		#	-	-
	mg/L	08/18/1998	0001	0.0037	B		#	-	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	11/30/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	04/24/1994	N001	1	U		#	1	-
	mg/L	11/15/1994	0001	1.0	U		#	1	-
	mg/L	04/01/1995	N001	1	U		#	1	-
	mg/L	03/25/1997	0001	0.600	B		#	-	-
	mg/L	02/11/1998	0001	0.682	B		#	-	-
	mg/L	08/18/1998	0001	0.0996	B		#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Nitrate	mg/L	11/30/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/01/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	04/01/1995	N001	229			#	-	-
	mV	03/25/1997	N001	120			#	-	-
	mV	02/11/1998	N001	48			#	-	-
	mV	08/18/1998	N001	196			#	-	-
	mV	03/01/2001	N001	-61			#	-	-
pH	s.u.	04/24/1994	N001	8.15			#	-	-
	s.u.	04/01/1995	N001	8.29			#	0.1	-
	s.u.	03/25/1997	N001	8.44			#	-	-
	s.u.	02/11/1998	N001	7.79			#	-	-
	s.u.	08/18/1998	N001	8.30			#	-	-
	s.u.	11/30/2000	N001	8.48			#	-	-
	s.u.	03/01/2001	N001	8.79			#	-	-
Phosphorus	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI	J	#	0.04	-
Polonium-210	pCi/L	04/24/1994	N001	0.0			#	0.1	± 0.10
	pCi/L	04/01/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	04/01/1995	N001	0.0			#	0.1	± 0.00
	pCi/L	03/25/1997	0001	0.19		U	#	0.09	± 0.15
	pCi/L	02/11/1998	0001	0.15		U	#	0.09	± 0.14
	pCi/L	08/18/1998	0001	0.06		U	#	0.04	± 0.06
Potassium	mg/L	04/24/1994	0001	1.7			#	0.1	-
	mg/L	04/01/1995	0001	1.8			#	0.1	-
	mg/L	04/01/1995	N001	2.1			#	0.1	-
	mg/L	03/25/1997	0001	2.120			#	-	-
	mg/L	02/11/1998	0001	1.770			#	-	-
	mg/L	08/18/1998	0001	2.110			#	-	-
	mg/L	11/30/2000	0001	1.88	DI		#	0.2	-
	mg/L	03/01/2001	0001	1.72	DI		#	0.2	-
Radium-226	pCi/L	04/24/1994	0001	0.1			#	0.1	± 0.10
	pCi/L	04/24/1994	N001	0.5	*		#	0.1	± 0.20
	pCi/L	04/01/1995	0001	0.1	N	J	#	0.1	± 0.10
	pCi/L	04/01/1995	N001	0.0	N	J	#	0.1	± 0.10
	pCi/L	03/25/1997	0001	0.06		U	#	0.03	± 0.05

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-226	pCi/L	02/11/1998	0001	0.08			#	0.01	± 0.05
	pCi/L	08/18/1998	0001	0.14	U		#	0.14	± 0.07
Radium-228	pCi/L	04/24/1994	0001	0.0	H		#	1.7	± 0.90
	pCi/L	04/01/1995	0001	0.0	N		#	2.3	± 1.80
	pCi/L	04/01/1995	N001	0.0	N		#	2.3	± 1.70
	pCi/L	03/25/1997	0001	0.4	U		#	0.4	± 0.20
	pCi/L	02/11/1998	0001	0.8	U		#	0.8	± 0.40
	pCi/L	08/18/1998	0001	0.59	U		#	0.59	± 0.35
Selenium	mg/L	04/24/1994	0001	0.005	U		#	0.005	-
	mg/L	04/24/1994	N001	0.005	U		#	0.005	-
	mg/L	11/15/1994	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	U		#	0.005	-
	mg/L	04/01/1995	N001	0.005	U		#	0.005	-
	mg/L	03/25/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	UN	J	#	0.001	-
	mg/L	11/30/2000	0001	0.0008			#	0.0003	-
	mg/L	03/01/2001	0001	0.001			#	0.0003	-
Silica	mg/L	04/01/1995	0001	8.8			#	0.1	-
Silicon	mg/L	11/30/2000	0001	3.37	DI		#	0.2	-
	mg/L	03/01/2001	0001	2.78	DI	J	#	0.2	-
Silver	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
Sodium	mg/L	04/24/1994	0001	7			#	1	-
	mg/L	04/01/1995	0001	19			#	1	-
	mg/L	04/01/1995	N001	19			#	1	-
	mg/L	03/25/1997	0001	10.700			#	-	-
	mg/L	02/11/1998	0001	30.800			#	-	-
	mg/L	08/18/1998	0001	18.500			#	-	-
	mg/L	11/30/2000	0001	25.3	DI		#	0.12	-
	mg/L	03/01/2001	0001	26.5	DI		#	0.12	-
Specific Conductance	umhos/cm	04/24/1994	N001	225			#	-	-
	umhos/cm	04/01/1995	N001	418			#	1	-
	umhos/cm	03/25/1997	N001	363			#	-	-
	umhos/cm	02/11/1998	N001	823			#	-	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Specific Conductance	umhos/cm	08/18/1998	N001	599			# -	-
	umhos/cm	11/30/2000	N001	785			# -	-
	umhos/cm	03/01/2001	N001	657			# -	-
Strontium	mg/L	04/24/1994	0001	0.34			# 0.01	-
	mg/L	04/24/1994	N001	0.38			# 0.01	-
	mg/L	11/15/1994	0001	1.10			# 0.01	-
	mg/L	04/01/1995	0001	0.70			# 0.01	-
	mg/L	04/01/1995	N001	0.69			# 0.01	-
	mg/L	11/30/2000	0001	1.33	DI		# 0.29	-
	mg/L	03/01/2001	0001	1.02	DI		# 0.28	-
Sulfate	mg/L	04/24/1994	0001	60			# 1	-
	mg/L	11/15/1994	0001	190			# 1	-
	mg/L	04/01/1995	0001	142			# 1	-
	mg/L	03/25/1997	0001	68.200			# -	-
	mg/L	02/11/1998	0001	251.000			# -	-
	mg/L	08/18/1998	0001	204.000			# -	-
	mg/L	11/30/2000	0001	254	DI		# 0.08	-
	mg/L	03/01/2001	0001	222	DI		# 0.04	-
Temperature	C	04/24/1994	N001	12.5			# -	-
	C	04/01/1995	N001	10.3			# 0.1	-
	C	03/25/1997	N001	4.1			# -	-
	C	02/11/1998	N001	1.8			# -	-
	C	08/18/1998	N001	21.4			# -	-
	C	11/30/2000	N001	2.65			# -	-
	C	03/01/2001	N001	5.81			# -	-
Thorium-230	pCi/L	04/24/1994	N001	0.3	N*	J	# 0.2	± 0.10
Total Dissolved Solids	mg/L	04/24/1994	0001	230			# 10	-
	mg/L	11/15/1994	0001	441			# 10	-
	mg/L	04/01/1995	0001	340			# 10	-
	mg/L	03/25/1997	0001	200			# -	-
	mg/L	02/11/1998	0001	520			# -	-
	mg/L	08/18/1998	0001	458			# -	-
	mg/L	11/30/2000	0001	559			# -	-
Total Organic Carbon	mg/L	04/24/1994	N001	7			# 1	-
Total Phosphorus as PO4	mg/L	04/01/1995	N001	0.1			# 0.1	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Turbidity	NTU	03/25/1997	N001	86.6			#	-	-
	NTU	02/11/1998	N001	5.76			#	-	-
	NTU	08/18/1998	N001	6.99			#	-	-
Uranium	mg/L	04/24/1994	0001	0.001	U		#	0.001	-
	mg/L	04/24/1994	N001	0.001	U		#	0.001	-
	mg/L	11/15/1994	0001	0.001		J	#	0.001	-
	mg/L	04/01/1995	0001	0.002			#	0.001	-
	mg/L	04/01/1995	N001	0.001			#	0.001	-
	mg/L	03/25/1997	0001	0.0012			#	-	-
	mg/L	02/11/1998	0001	0.0027			#	-	-
	mg/L	08/18/1998	0001	0.0015			#	-	-
	mg/L	11/30/2000	0001	0.0035			#	0.0005	-
	mg/L	03/01/2001	0001	0.00241			#	0.001	-
Vanadium	mg/L	04/24/1994	0001	0.01	U		#	0.01	-
	mg/L	04/24/1994	N001	0.01	U		#	0.01	-
	mg/L	11/15/1994	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0050	U		#	0.005	-
	mg/L	02/11/1998	0001	0.0040	U		#	0.004	-
	mg/L	08/18/1998	0001	0.0020	U		#	0.002	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Zinc	mg/L	04/24/1994	0001	0.05	U		#	0.05	-
	mg/L	04/24/1994	N001	0.12			#	0.05	-
	mg/L	11/15/1994	0001	0.05	U		#	0.05	-
	mg/L	11/30/2000	0001	0.05	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0536 SURFACE WATER LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	04/01/1995	N001	210		J #	10	-
	mg/L	09/17/1995	N001	235		#	10	-
	mg/L	01/07/1996	N001	183		#	10	-
	mg/L	11/30/2000	0001	245		#	-	-
	mg/L	03/01/2001	0001	363		#	-	-
Aluminum	mg/L	04/01/1995	0001	0.05	U	#	0.05	-
	mg/L	04/01/1995	N001	0.05	U	#	0.05	-
	mg/L	09/17/1995	0001	0.05	U	#	0.05	-
	mg/L	09/17/1995	N001	0.18		#	0.05	-
	mg/L	11/30/2000	0001	0.29	UDI	#	0.29	-
	mg/L	03/01/2001	0001	0.36	DI	#	0.28	-
Ammonium	mg/L	04/01/1995	N001	0.1	U	#	0.1	-
	mg/L	09/17/1995	N001	0.1	U	#	0.1	-
Antimony	mg/L	11/16/1994	0001	0.003	UW	J #	0.003	-
	mg/L	11/16/1994	0002	0.003	UW	J #	0.003	-
	mg/L	04/01/1995	0001	0.003	U	#	0.003	-
	mg/L	04/01/1995	N001	0.003	U	#	0.003	-
	mg/L	09/17/1995	0001	0.003	U	#	0.003	-
	mg/L	09/17/1995	N001	0.003	U	#	0.003	-
	mg/L	01/07/1996	0001	0.003	U	#	0.003	-
	mg/L	01/07/1996	N001	0.003	U	#	0.003	-
Arsenic	mg/L	11/16/1994	0001	0.005	U	#	0.005	-
	mg/L	11/16/1994	0002	0.005	UW	J #	0.005	-
	mg/L	04/01/1995	0001	0.005	U	#	0.005	-
	mg/L	04/01/1995	N001	0.005	U	#	0.005	-
	mg/L	09/17/1995	0001	0.005	UN	J #	0.005	-
	mg/L	09/17/1995	N001	0.007	N	J #	0.005	-
	mg/L	01/07/1996	0001	0.005	U	#	0.005	-
	mg/L	01/07/1996	N001	0.005	U	#	0.005	-
	mg/L	11/30/2000	0001	0.0011		#	0.0002	-
	mg/L	03/01/2001	0001	0.0007		#	0.0002	-
Barium	mg/L	04/01/1995	0001	0.1	U	#	0.1	-
	mg/L	04/01/1995	N001	0.1	U	#	0.1	-
	mg/L	11/30/2000	0001	0.04	DI	#	0.041	-
	mg/L	03/01/2001	0001	0.04	UDI	#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Boron	mg/L	04/01/1995	0001	0.1	U		#	0.1	-
	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.1	DI		#	0.04	-
Bromide	mg/L	11/16/1994	0001	0.10	U		#	0.1	-
	mg/L	11/16/1994	0002	0.10	U		#	0.1	-
	mg/L	01/07/1996	0001	0.10	UI		#	0.1	-
	mg/L	11/30/2000	0001	0.08	DI		#	0.04	-
	mg/L	03/01/2001	0001	0.1	DI		#	0.04	-
Cadmium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	11/16/1994	0001	169			#	0.1	-
	mg/L	11/16/1994	0002	170			#	0.1	-
	mg/L	04/01/1995	0001	131			#	0.5	-
	mg/L	04/01/1995	N001	131			#	0.5	-
	mg/L	09/17/1995	0001	97.3			#	0.5	-
	mg/L	09/17/1995	N001	94.8			#	0.5	-
	mg/L	01/07/1996	0001	100			#	1	-
	mg/L	11/30/2000	0001	63	DI		#	0.2	-
	mg/L	03/01/2001	0001	132	DI		#	0.2	-
Chloride	mg/L	11/16/1994	0001	7.40			#	0.5	-
	mg/L	11/16/1994	0002	7.17			#	0.5	-
	mg/L	04/01/1995	0001	8.4			#	0.5	-
	mg/L	09/17/1995	0001	3.5			#	0.5	-
	mg/L	01/07/1996	0001	7.07			#	0.5	-
	mg/L	11/30/2000	0001	8.8	DI		#	0.01	-
	mg/L	03/01/2001	0001	12.8	DI		#	0.01	-
Chromium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	11/30/2000	N001	4.6			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
LOCATION: 0538 SURFACE LOCATION, SEEP  
REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Dissolved Oxygen	mg/L	03/01/2001	N001	9.13			# -	-
Eh	mV	03/01/2001	N001	181			# -	-
Fluoride	mg/L	11/16/1994	0001	0.20			# 0.1	-
	mg/L	11/16/1994	0002	0.20			# 0.1	-
	mg/L	04/01/1995	0001	0.3			# 0.1	-
	mg/L	09/17/1995	0001	0.3			# 0.1	-
Iron	mg/L	11/16/1994	0001	0.26			# 0.03	-
	mg/L	11/16/1994	0002	0.27			# 0.03	-
	mg/L	04/01/1995	0001	0.19			# 0.03	-
	mg/L	04/01/1995	N001	0.28			# 0.03	-
	mg/L	09/17/1995	0001	0.11			# 0.03	-
	mg/L	09/17/1995	N001	1.38			# 0.03	-
	mg/L	01/07/1996	0001	0.44			# 0.03	-
	mg/L	03/01/2001	0001	0.03	UDI		# 0.03	-
Lead	mg/L	11/30/2000	0001	0.2	UDI		# 0.2	-
	mg/L	03/01/2001	0001	0.2	UDI		# 0.2	-
Lead-210	pCi/L	03/29/1995	0001	1.1	*	J	# 1	± 0.50
	pCi/L	03/29/1995	N001	1.2	*	J	# 1.1	± 0.50
	pCi/L	09/17/1995	0001	0.5			# 0.9	± 0.50
Lithium	mg/L	11/30/2000	0001	0.03	UDI		# 0.03	-
	mg/L	03/01/2001	0001	0.03	UDI		# 0.03	-
Magnesium	mg/L	11/16/1994	0001	38.3			# 0.1	-
	mg/L	11/16/1994	0002	38.6			# 0.1	-
	mg/L	04/01/1995	0001	31.3			# 0.1	-
	mg/L	04/01/1995	N001	31.1			# 0.1	-
	mg/L	09/17/1995	0001	22.1			# 0.1	-
	mg/L	09/17/1995	N001	21.9			# 0.1	-
	mg/L	01/07/1996	0001	22.3			# 0.1	-
	mg/L	11/30/2000	0001	34.9	DI		# 0.16	-
	mg/L	03/01/2001	0001	31.7	DI		# 0.16	-
Manganese	mg/L	11/16/1994	0001	0.97			# 0.01	-
	mg/L	11/16/1994	0002	0.98			# 0.01	-
	mg/L	04/01/1995	0001	0.71			# 0.01	-
	mg/L	04/01/1995	N001	0.71			# 0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Manganese	mg/L	09/17/1995	0001	1.22			#	0.01	-
	mg/L	09/17/1995	N001	1.14			#	0.01	-
	mg/L	01/07/1996	0001	0.58			#	0.01	-
	mg/L	01/07/1996	N001	0.65			#	0.01	-
	mg/L	11/30/2000	0001	0.72	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.55	DI		#	0.04	-
Molybdenum	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0002	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01			#	0.01	-
	mg/L	04/01/1995	N001	0.02			#	0.01	-
	mg/L	09/17/1995	0001	0.01	U		#	0.01	-
	mg/L	09/17/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01			#	0.01	-
	mg/L	01/07/1996	N001	0.01			#	0.01	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	11/30/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	11/16/1994	0001	3.8			#	1	-
	mg/L	11/16/1994	0002	1.0	U		#	1	-
	mg/L	04/01/1995	N001	1	U		#	1	-
	mg/L	09/17/1995	N001	1	U		#	1	-
	mg/L	11/30/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/01/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	04/01/1995	N001	230			#	-	-
	mV	03/01/2001	N001	-30			#	-	-
pH	s.u.	04/01/1995	N001	8.13			#	0.1	-
	s.u.	09/17/1995	N001	7.50			#	0.1	-
	s.u.	01/07/1996	N001	7.27			#	0.1	-
	s.u.	11/30/2000	N001	7.45			#	-	-
	s.u.	03/01/2001	N001	7.22			#	-	-
Phosphorus	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI	J	#	0.04	-
Polonium-210	pCi/L	03/29/1995	0001	0.0			#	0.1	± 0.00
	pCi/L	03/29/1995	N001	0.1			#	0.1	± 0.10

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Polonium-210	pCi/L	09/17/1995	0001	0.1			#	0.2	± 0.10
Potassium	mg/L	04/01/1995	0001	1.9			#	0.1	-
	mg/L	04/01/1995	N001	2.0			#	0.1	-
	mg/L	09/17/1995	0001	2.4			#	0.1	-
	mg/L	09/17/1995	N001	2.7			#	0.1	-
	mg/L	01/07/1996	0001	1.97			#	0.1	-
	mg/L	11/30/2000	0001	2.25	DI		#	0.2	-
	mg/L	03/01/2001	0001	1.65	DI		#	0.2	-
Radium-226	pCi/L	03/29/1995	0001	0.1	N	J	#	0.1	± 0.10
	pCi/L	03/29/1995	N001	0.1	N	J	#	0.1	± 0.10
	pCi/L	09/17/1995	0001	0.2			#	0.1	± 0.10
Radium-228	pCi/L	03/29/1995	0001	0.0	N		#	1.9	± 1.80
	pCi/L	03/29/1995	N001	0.0	N		#	2	± 1.00
	pCi/L	09/17/1995	0001	0.0			#	1	± 0.40
Selenium	mg/L	11/16/1994	0001	0.005	U		#	0.005	-
	mg/L	11/16/1994	0002	0.005	U		#	0.005	-
	mg/L	04/01/1995	0001	0.005	UW	J	#	0.005	-
	mg/L	04/01/1995	N001	0.005	U		#	0.005	-
	mg/L	09/17/1995	0001	0.005	U		#	0.005	-
	mg/L	09/17/1995	N001	0.005	U		#	0.005	-
	mg/L	01/07/1996	0001	0.005	UW	J	#	0.005	-
	mg/L	01/07/1996	N001	0.005	U		#	0.005	-
	mg/L	11/30/2000	0001	0.0003	U		#	0.0003	-
	mg/L	03/01/2001	0001	0.0003	U		#	0.0003	-
Silica	mg/L	04/01/1995	0001	11.6			#	0.1	-
	mg/L	09/17/1995	0001	13.2			#	0.1	-
Silicon	mg/L	11/30/2000	0001	5.77	DI		#	0.2	-
	mg/L	03/01/2001	0001	4.89	DI	J	#	0.2	-
Silver	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	09/17/1995	0001	0.01	UN	J	#	0.01	-
	mg/L	09/17/1995	N001	0.01	UN	J	#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
Sodium	mg/L	04/01/1995	0001	36			#	1	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Sodium	mg/L	04/01/1995	N001	36			# 1	-
	mg/L	09/17/1995	0001	25			# 1	-
	mg/L	09/17/1995	N001	25			# 1	-
	mg/L	01/07/1996	0001	29.3			# 1	-
	mg/L	11/30/2000	0001	36.2	DI		# 0.12	-
	mg/L	03/01/2001	0001	36.5	DI		# 0.12	-
Specific Conductance	umhos/cm	04/01/1995	N001	708			# 1	-
	umhos/cm	09/17/1995	N001	659			# 1	-
	umhos/cm	01/07/1996	N001	474			# 1	-
	umhos/cm	11/30/2000	N001	974			# -	-
	umhos/cm	03/01/2001	N001	1180			# -	-
Strontium	mg/L	11/16/1994	0001	1.55			# 0.01	-
	mg/L	11/16/1994	0002	1.56			# 0.01	-
	mg/L	04/01/1995	0001	1.26			# 0.01	-
	mg/L	04/01/1995	N001	1.25			# 0.01	-
	mg/L	09/17/1995	0001	0.96			# 0.01	-
	mg/L	09/17/1995	N001	0.91			# 0.01	-
	mg/L	11/30/2000	0001	1.24	DI		# 0.29	-
	mg/L	03/01/2001	0001	1.09	DI		# 0.28	-
Sulfate	mg/L	11/16/1994	0001	388			# 1	-
	mg/L	11/16/1994	0002	391			# 1	-
	mg/L	04/01/1995	0001	325			# 1	-
	mg/L	09/17/1995	0001	139			# 1	-
	mg/L	01/07/1996	0001	195	I		# 1	-
	mg/L	11/30/2000	0001	293	DI		# 0.08	-
	mg/L	03/01/2001	0001	377	DI		# 0.04	-
Temperature	C	04/01/1995	N001	10.2			# 0.1	-
	C	09/17/1995	N001	20.7			# 0.1	-
	C	01/07/1996	N001	4.8			# 0.1	-
	C	11/30/2000	N001	4.05			# -	-
	C	03/01/2001	N001	6.86			# -	-
Total Dissolved Solids	mg/L	11/16/1994	0001	844			# 10	-
	mg/L	11/16/1994	0002	847			# 10	-
	mg/L	04/01/1995	0001	700			# 10	-
	mg/L	09/17/1995	0001	480			# 10	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Total Dissolved Solids	mg/L	01/07/1996	0001	490			#	10	-
	mg/L	11/30/2000	0001	752			#	-	-
Total Phosphorus as PO4	mg/L	04/01/1995	N001	0.1	U		#	0.1	-
Uranium	mg/L	11/16/1994	0001	0.109			#	0.001	-
	mg/L	11/16/1994	0002	0.110			#	0.001	-
	mg/L	04/01/1995	0001	0.067			#	0.001	-
	mg/L	04/01/1995	N001	0.069			#	0.001	-
	mg/L	09/17/1995	0001	0.042			#	0.001	-
	mg/L	09/17/1995	N001	0.035			#	0.001	-
	mg/L	01/07/1996	0001	0.059			#	0.001	-
	mg/L	01/07/1996	N001	0.061			#	0.001	-
	mg/L	03/01/2001	0001	0.210	DI		#	0.01	-
Vanadium	mg/L	11/16/1994	0001	0.01	U		#	0.01	-
	mg/L	11/16/1994	0002	0.01	U		#	0.01	-
	mg/L	04/01/1995	0001	0.01	U		#	0.01	-
	mg/L	04/01/1995	N001	0.01	U		#	0.01	-
	mg/L	09/17/1995	0001	0.01	U		#	0.01	-
	mg/L	09/17/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-	
Zinc	mg/L	11/16/1994	0001	0.05	U		#	0.05	-
	mg/L	11/16/1994	0002	0.05	U		#	0.05	-
	mg/L	11/30/2000	0001	0.08	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0538 SURFACE LOCATION, SEEP  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	03/31/1995	N001	376		J #	10	-
	mg/L	01/09/1996	N001	481		#	10	-
	mg/L	03/24/1997	N001	380		#	-	-
	mg/L	09/09/1997	N001	411		#	-	-
	mg/L	02/12/1998	N001	428		#	-	-
	mg/L	08/18/1998	0001	375		#	-	-
	mg/L	08/18/1998	N001	388		#	-	-
	mg/L	02/16/2000	0001	431		#	-	-
	mg/L	02/16/2000	N001	439		#	-	-
Aluminum	mg/L	03/31/1995	0001	0.05	U	#	0.05	-
	mg/L	03/31/1995	N001	0.05	U	#	0.05	-
	mg/L	09/16/1995	0001	0.05	U	#	0.05	-
	mg/L	09/16/1995	N001	0.17		#	0.05	-
Ammonium	mg/L	03/31/1995	N001	0.1	U	#	0.1	-
	mg/L	09/16/1995	N001	0.1	U	#	0.1	-
Antimony	mg/L	03/31/1995	0001	0.003	U	#	0.003	-
	mg/L	03/31/1995	N001	0.003	U	#	0.003	-
	mg/L	09/16/1995	0001	0.003	U	#	0.003	-
	mg/L	09/16/1995	N001	0.003	U	#	0.003	-
	mg/L	01/09/1996	0001	0.003	U	#	0.003	-
	mg/L	01/09/1996	N001	0.003	U	#	0.003	-
	mg/L	03/24/1997	0001	0.0010	U	#	0.001	-
	mg/L	09/09/1997	0001	0.0010	U	#	0.001	-
	mg/L	09/09/1997	0002	0.0010	U	#	0.001	-
	mg/L	02/12/1998	0001	0.0010	U	#	0.001	-
	mg/L	08/18/1998	0001	0.0010	U	#	0.001	-
	mg/L	08/18/1998	0002	0.0010	U	#	0.001	-
	mg/L	02/16/2000	0001	0.0004	U	#	0.0004	-
	mg/L	02/16/2000	0002	0.0004	U	#	0.0004	-
Arsenic	mg/L	03/31/1995	0001	0.005	U	#	0.005	-
	mg/L	03/31/1995	N001	0.005	UW	J #	0.005	-
	mg/L	09/16/1995	0001	0.005	UN	J #	0.005	-
	mg/L	09/16/1995	N001	0.005	UN	J #	0.005	-
	mg/L	01/09/1996	0001	0.005	U	#	0.005	-
	mg/L	01/09/1996	N001	0.005	U	#	0.005	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Arsenic	mg/L	03/24/1997	0001	0.00047	B		#	-	-
	mg/L	09/09/1997	0001	0.0014	B		#	-	-
	mg/L	09/09/1997	0002	0.0013	B		#	-	-
	mg/L	02/12/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0021	B		#	-	-
	mg/L	08/18/1998	0002	0.0021	B		#	-	-
	mg/L	02/16/2000	0001	0.00052	B	J	#	-	-
	mg/L	02/16/2000	0002	0.00055	B	J	#	-	-
Barium	mg/L	03/31/1995	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
Boron	mg/L	03/31/1995	0001	0.1	U		#	0.1	-
	mg/L	03/31/1995	N001	0.1	U		#	0.1	-
Bromide	mg/L	01/09/1996	0001	0.3	UI		#	0.3	-
Calcium	mg/L	03/31/1995	0001	159			#	0.5	-
	mg/L	03/31/1995	N001	361			#	0.5	-
	mg/L	09/16/1995	0001	555			#	0.5	-
	mg/L	09/16/1995	N001	523			#	0.5	-
	mg/L	01/09/1996	0001	478			#	1	-
	mg/L	03/24/1997	0001	384.000			#	-	-
	mg/L	09/09/1997	0001	414.000			#	-	-
	mg/L	09/09/1997	0002	416.000			#	-	-
	mg/L	02/12/1998	0001	366.000			#	-	-
	mg/L	08/18/1998	0001	309.000			#	-	-
	mg/L	08/18/1998	0002	304.000			#	-	-
	mg/L	02/16/2000	0001	402.000			#	-	-
	mg/L	02/16/2000	0002	389.000			#	-	-
Chloride	mg/L	03/31/1995	0001	25.0			#	0.5	-
	mg/L	09/16/1995	0001	40.1			#	0.5	-
	mg/L	01/09/1996	0001	36.8			#	0.5	-
	mg/L	03/24/1997	0001	34.100			#	-	-
	mg/L	09/09/1997	0001	37.700			#	-	-
	mg/L	09/09/1997	0002	37.700			#	-	-
	mg/L	02/12/1998	0001	27.300			#	-	-
	mg/L	08/18/1998	0001	29.100			#	-	-
	mg/L	08/18/1998	0002	31.300			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Chloride	mg/L	02/16/2000	0001	40.400			#	-	-
	mg/L	02/16/2000	0002	40.500			#	-	-
Fluoride	mg/L	03/31/1995	0001	0.3			#	0.1	-
	mg/L	09/16/1995	0001	0.3			#	0.1	-
Gross Alpha	pCi/L	03/24/1997	0001	23.69			#	19.68	± 13.8
	pCi/L	09/09/1997	0001	18.16	U		#	18.16	± 11.6
	pCi/L	09/09/1997	0002	18.50	U		#	18.5	± 11.6
	pCi/L	02/12/1998	0001	21.13			#	12.59	± 9.90
	pCi/L	08/18/1998	0001	17.43		J	#	15.98	± 10.8
	pCi/L	08/18/1998	0002	14.44	U	J	#	14.44	± 9.57
	pCi/L	02/16/2000	0001	13.82	U	J	#	13.82	± 7.97
	pCi/L	02/16/2000	0002	13.92	U	J	#	13.92	± 8.44
Gross Beta	pCi/L	03/24/1997	0001	23.30	U		#	23.3	± 13.4
	pCi/L	09/09/1997	0001	18.84	U		#	18.84	± 11.6
	pCi/L	09/09/1997	0002	18.85	U		#	18.85	± 11.6
	pCi/L	02/12/1998	0001	17.26	U		#	17.26	± 9.80
	pCi/L	08/18/1998	0001	18.24	U		#	18.24	± 10.7
	pCi/L	08/18/1998	0002	18.13	U		#	18.13	± 10.7
	pCi/L	02/16/2000	0001	15.69	U		#	15.69	± 9.27
	pCi/L	02/16/2000	0002	15.72	U		#	15.72	± 9.56
Iron	mg/L	03/31/1995	0001	0.03	U		#	0.03	-
	mg/L	03/31/1995	N001	0.12			#	0.03	-
	mg/L	09/16/1995	0001	0.03	U		#	0.03	-
	mg/L	09/16/1995	N001	0.30			#	0.03	-
	mg/L	01/09/1996	0001	1.28			#	0.03	-
Lead-210	pCi/L	03/31/1995	0001	0.5		J	#	0.9	± 0.40
	pCi/L	03/31/1995	N001	0.0		J	#	1.6	± 0.70
	pCi/L	09/16/1995	0001	0.0			#	0.9	± 0.50
	pCi/L	03/24/1997	0001	1.03	U		#	1.03	± 0.61
	pCi/L	09/09/1997	0001	0.86	U		#	0.86	± 0.51
	pCi/L	09/09/1997	0002	0.83	U		#	0.83	± 0.48
	pCi/L	02/12/1998	0001	0.86	U		#	0.86	± 0.52
	pCi/L	08/18/1998	0001	0.99	U		#	0.99	± 0.57
	pCi/L	08/18/1998	0002	1.28	U		#	1.28	± 0.72
	pCi/L	02/16/2000	0001	1.57	U		#	1.57	± 0.91

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Lead-210	pCi/L	02/16/2000	0002	1.17	U	#	1.17	± 0.68
Magnesium	mg/L	03/31/1995	0001	37.2		#	0.1	-
	mg/L	03/31/1995	N001	85.8		#	0.1	-
	mg/L	09/16/1995	0001	132		#	0.1	-
	mg/L	09/16/1995	N001	127		#	0.1	-
	mg/L	01/09/1996	0001	117		#	0.5	-
	mg/L	03/24/1997	0001	87.500		#	-	-
	mg/L	09/09/1997	0001	110.000		#	-	-
	mg/L	09/09/1997	0002	110.000		#	-	-
	mg/L	02/12/1998	0001	82.100		#	-	-
	mg/L	08/18/1998	0001	83.200		#	-	-
	mg/L	08/18/1998	0002	82.400		#	-	-
	mg/L	02/16/2000	0001	91.800		#	-	-
	mg/L	02/16/2000	0002	89.000		#	-	-
	Manganese	mg/L	03/31/1995	0001	0.04		#	0.01
mg/L		03/31/1995	N001	0.13		#	0.01	-
mg/L		09/16/1995	0001	0.20		#	0.01	-
mg/L		09/16/1995	N001	0.47		#	0.01	-
mg/L		01/09/1996	0001	0.83		#	0.01	-
mg/L		01/09/1996	N001	0.84		#	0.01	-
mg/L		03/24/1997	0001	0.257		#	-	-
mg/L		09/09/1997	0001	0.263		#	-	-
mg/L		09/09/1997	0002	0.265		#	-	-
mg/L		02/12/1998	0001	0.505		#	-	-
mg/L		08/18/1998	0001	0.177		#	-	-
mg/L		08/18/1998	0002	0.158		#	-	-
mg/L		02/16/2000	0001	0.555		#	-	-
mg/L		02/16/2000	0002	0.534		#	-	-
Molybdenum	mg/L	03/31/1995	0001	0.01	U	#	0.01	-
	mg/L	03/31/1995	N001	0.01		#	0.01	-
	mg/L	09/16/1995	0001	0.01	U	#	0.01	-
	mg/L	09/16/1995	N001	0.01	U	#	0.01	-
	mg/L	01/09/1996	0001	0.01	U	#	0.01	-
	mg/L	01/09/1996	N001	0.01	U	#	0.01	-
	mg/L	03/24/1997	0001	0.0085	B	#	-	-
	mg/L	09/09/1997	0001	0.0092	B	#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Molybdenum	mg/L	09/09/1997	0002	0.0091	B		#	-	-
	mg/L	02/12/1998	0001	0.0036	B		#	-	-
	mg/L	08/18/1998	0001	0.0108			#	-	-
	mg/L	08/18/1998	0002	0.0109			#	-	-
	mg/L	02/16/2000	0001	0.0041	B		#	-	-
	mg/L	02/16/2000	0002	0.0042	B		#	-	-
Nitrate	mg/L	03/31/1995	N001	1	U		#	1	-
	mg/L	09/16/1995	N001	1	U		#	1	-
	mg/L	03/24/1997	0001	0.0217	B		#	-	-
	mg/L	09/09/1997	0001	0.0140	U		#	0.014	-
	mg/L	09/09/1997	0002	0.0140	U		#	0.014	-
	mg/L	02/12/1998	0001	0.159	B		#	-	-
	mg/L	08/18/1998	0001	0.0569	B	U	#	-	-
	mg/L	08/18/1998	0002	0.0984	B		#	-	-
	mg/L	02/16/2000	0001	0.0195	B		#	-	-
	mg/L	02/16/2000	0002	0.010	U		#	0.01	-
Oxidation Reduction Potent	mV	03/31/1995	N001	221			#	-	-
	mV	03/24/1997	N001	110			#	-	-
	mV	02/12/1998	N001	69			#	-	-
	mV	08/18/1998	N001	212			#	-	-
	mV	02/16/2000	N001	206			#	-	-
pH	s.u.	03/31/1995	N001	7.64			#	0.1	-
	s.u.	01/09/1996	N001	6.98			#	0.1	-
	s.u.	03/24/1997	N001	7.35			#	-	-
	s.u.	09/09/1997	N001	7.51			#	-	-
	s.u.	02/12/1998	N001	6.22			#	-	-
	s.u.	08/18/1998	N001	7.50			#	-	-
	s.u.	02/16/2000	N001	6.66			#	-	-
Polonium-210	pCi/L	03/31/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	N001	0.3			#	0.1	± 0.20
	pCi/L	09/16/1995	0001	0.1			#	0.4	± 0.20
	pCi/L	03/24/1997	0001	0.20		U	#	0.11	± 0.16
	pCi/L	09/09/1997	0001	0.15		U	#	0.11	± 0.16
	pCi/L	09/09/1997	0002	0.17		U	#	0.11	± 0.17
	pCi/L	02/12/1998	0001	0.14		U	#	0.05	± 0.10



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Polonium-210	pCi/L	08/18/1998	0001	0.07	U		#	0.07	± 0.08
	pCi/L	08/18/1998	0002	0.06		U	#	0.06	± 0.08
	pCi/L	02/16/2000	0001	0	U		#	0.11	± -0.10
	pCi/L	02/16/2000	0002	0.09	U		#	0.09	± 0.09
Potassium	mg/L	03/31/1995	0001	0.6			#	0.1	-
	mg/L	03/31/1995	N001	1.5			#	0.1	-
	mg/L	09/16/1995	0001	2.5			#	0.1	-
	mg/L	09/16/1995	N001	2.5			#	0.1	-
	mg/L	01/09/1996	0001	1.63			#	0.1	-
	mg/L	03/24/1997	0001	1.350			#	-	-
	mg/L	09/09/1997	0001	2.160			#	-	-
	mg/L	09/09/1997	0002	2.170			#	-	-
	mg/L	02/12/1998	0001	1.190			#	-	-
	mg/L	08/18/1998	0001	2.170			#	-	-
	mg/L	08/18/1998	0002	2.200			#	-	-
	mg/L	02/16/2000	0001	1.350	E	J	#	-	-
mg/L	02/16/2000	0002	1.330	E	J	#	-	-	
Radium-226	pCi/L	03/31/1995	0001	0.1			#	0.1	± 0.10
	pCi/L	03/31/1995	N001	0.2			#	0.1	± 0.10
	pCi/L	09/16/1995	0001	0.0			#	0.1	± 0.10
	pCi/L	03/24/1997	0001	0.17			#	0.02	± 0.07
	pCi/L	09/09/1997	0001	0.07		U	#	0.03	± 0.05
	pCi/L	09/09/1997	0002	0.08			#	0.01	± 0.05
	pCi/L	02/12/1998	0001	0.09			#	0.01	± 0.05
	pCi/L	08/18/1998	0001	0.18	U		#	0.18	± 0.09
	pCi/L	08/18/1998	0002	0.14	U		#	0.14	± 0.07
	pCi/L	02/16/2000	0001	0.13	U		#	0.13	± 0.07
	pCi/L	02/16/2000	0002	0.12	U		#	0.12	± 0.07
	Radium-228	pCi/L	03/31/1995	0001	0.0			#	2.8
pCi/L		03/31/1995	N001	0.0			#	2.6	± 1.30
pCi/L		09/16/1995	0001	0.0			#	1	± 0.40
pCi/L		03/24/1997	0001	0.6	U		#	0.6	± 0.30
pCi/L		09/09/1997	0001	0.4	U		#	0.4	± 0.20
pCi/L		09/09/1997	0002	1.0	U		#	1	± 0.50
pCi/L		02/12/1998	0001	1.0	U		#	1	± 0.50
pCi/L		08/18/1998	0001	0.78	U		#	0.78	± 0.47

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-228	pCi/L	08/18/1998	0002	0.62	U		#	0.62	± 0.37
	pCi/L	02/16/2000	0001	0.74	U		#	0.74	± 0.43
	pCi/L	02/16/2000	0002	0.72	U		#	0.72	± 0.42
Selenium	mg/L	03/31/1995	0001	0.005	UW	J	#	0.005	-
	mg/L	03/31/1995	N001	0.005	UW	J	#	0.005	-
	mg/L	09/16/1995	0001	0.005	UW	J	#	0.005	-
	mg/L	09/16/1995	N001	0.005	UW	J	#	0.005	-
	mg/L	01/09/1996	0001	0.01	UIW	J	#	0.01	-
	mg/L	01/09/1996	N001	0.005	UW	J	#	0.005	-
	mg/L	03/24/1997	0001	0.0010	U		#	0.001	-
	mg/L	09/09/1997	0001	0.0010	U		#	0.001	-
	mg/L	09/09/1997	0002	0.0010	U		#	0.001	-
	mg/L	02/12/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	UN	J	#	0.001	-
	mg/L	08/18/1998	0002	0.0010	UN	J	#	0.001	-
	mg/L	02/16/2000	0001	0.0001	U		#	0.0001	-
	mg/L	02/16/2000	0002	0.0001	U		#	0.0001	-
Silica	mg/L	03/31/1995	0001	14.6			#	0.1	-
	mg/L	09/16/1995	0001	17.7			#	0.1	-
Silver	mg/L	03/31/1995	0001	0.01	U		#	0.01	-
	mg/L	03/31/1995	N001	0.01	U		#	0.01	-
	mg/L	09/16/1995	0001	0.01	UN	J	#	0.01	-
	mg/L	09/16/1995	N001	0.01	UN	J	#	0.01	-
	mg/L	01/09/1996	0001	0.01	U		#	0.01	-
Sodium	mg/L	03/31/1995	0001	44			#	1	-
	mg/L	03/31/1995	N001	105			#	1	-
	mg/L	09/16/1995	0001	140			#	1	-
	mg/L	09/16/1995	N001	135			#	1	-
	mg/L	01/09/1996	0001	145			#	5	-
	mg/L	03/24/1997	0001	128.000			#	-	-
	mg/L	09/09/1997	0001	137.000			#	-	-
	mg/L	09/09/1997	0002	138.000			#	-	-
	mg/L	02/12/1998	0001	109.000			#	-	-
	mg/L	08/18/1998	0001	113.000			#	-	-
mg/L	08/18/1998	0002	112.000			#	-	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
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PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Sodium	mg/L	02/16/2000	0001	143.000			#	-	-
	mg/L	02/16/2000	0002	138.000			#	-	-
Specific Conductance	umhos/cm	03/31/1995	N001	1828			#	1	-
	umhos/cm	01/09/1996	N001	1681			#	1	-
	umhos/cm	03/24/1997	N001	2350			#	-	-
	umhos/cm	09/09/1997	N001	2280			#	-	-
	umhos/cm	02/12/1998	N001	2390			#	-	-
	umhos/cm	08/18/1998	N001	2240			#	-	-
	umhos/cm	02/16/2000	N001	2160			#	-	-
Strontium	mg/L	03/31/1995	0001	1.24			#	0.01	-
	mg/L	03/31/1995	N001	2.84			#	0.01	-
	mg/L	09/16/1995	0001	4.43			#	0.01	-
	mg/L	09/16/1995	N001	4.00			#	0.01	-
Sulfate	mg/L	03/31/1995	0001	1100			#	1	-
	mg/L	09/16/1995	0001	1630			#	1	-
	mg/L	01/09/1996	0001	1400	I		#	4	-
	mg/L	03/24/1997	0001	1110.000			#	-	-
	mg/L	09/09/1997	0001	1280.000			#	-	-
	mg/L	09/09/1997	0002	1290.000			#	-	-
	mg/L	02/12/1998	0001	960.000			#	-	-
	mg/L	08/18/1998	0001	924.000			#	-	-
	mg/L	08/18/1998	0002	924.000			#	-	-
	mg/L	02/16/2000	0001	1140.000			#	-	-
Temperature	C	03/31/1995	N001	12.1			#	0.1	-
	C	01/09/1996	N001	3.0			#	0.1	-
	C	03/24/1997	N001	9.9			#	-	-
	C	09/09/1997	N001	21.6			#	-	-
	C	02/12/1998	N001	6.0			#	-	-
	C	08/18/1998	N001	24.2			#	-	-
	C	02/16/2000	N001	5.9			#	-	-
Total Dissolved Solids	mg/L	03/31/1995	0001	2090			#	10	-
	mg/L	09/16/1995	0001	3040			#	10	-
	mg/L	01/09/1996	0001	2680			#	10	-
	mg/L	03/24/1997	0001	2170			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Total Dissolved Solids	mg/L	09/09/1997	0001	2390			#	-
	mg/L	09/09/1997	0002	2380			#	-
	mg/L	02/12/1998	0001	1880			#	-
	mg/L	08/18/1998	0001	1900			#	-
	mg/L	08/18/1998	0002	1870			#	-
	mg/L	02/16/2000	0001	2260			#	-
	mg/L	02/16/2000	0002	2160			#	-
Total Phosphorus as PO4	mg/L	03/31/1995	N001	0.1	U		#	0.1
Turbidity	NTU	03/24/1997	N001	2.75			#	-
	NTU	09/09/1997	N001	3.44			#	-
	NTU	02/12/1998	N001	4.52			#	-
	NTU	08/18/1998	N001	8.43			#	-
	NTU	02/16/2000	N001	4.93			#	-
Uranium	mg/L	03/31/1995	0001	0.012			#	0.001
	mg/L	03/31/1995	N001	0.026			#	0.001
	mg/L	09/16/1995	0001	0.039			#	0.001
	mg/L	09/16/1995	N001	0.034			#	0.001
	mg/L	01/09/1996	0001	0.041			#	0.001
	mg/L	01/09/1996	N001	0.040			#	0.001
	mg/L	03/24/1997	0001	0.0302			#	-
	mg/L	09/09/1997	0001	0.0296			#	-
	mg/L	09/09/1997	0002	0.0298			#	-
	mg/L	02/12/1998	0001	0.0191			#	-
	mg/L	08/18/1998	0001	0.0249			#	-
	mg/L	08/18/1998	0002	0.0242			#	-
	mg/L	02/16/2000	0001	0.018			#	-
	mg/L	02/16/2000	0002	0.0179			#	-
Vanadium	mg/L	03/31/1995	0001	0.01	U		#	0.01
	mg/L	03/31/1995	N001	0.01	U		#	0.01
	mg/L	09/16/1995	0001	0.01	U		#	0.01
	mg/L	09/16/1995	N001	0.01	U		#	0.01
	mg/L	01/09/1996	0001	0.01	U		#	0.01
	mg/L	01/09/1996	N001	0.01	U		#	0.01
	mg/L	03/24/1997	0001	0.0050	U		#	0.005
	mg/L	09/09/1997	0001	0.0013	B		#	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0540 SURFACE LOCATION  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN-CERTAINTY
		DATE	ID		LAB DATA	QA		
Vanadium	mg/L	09/09/1997	0002	0.0010	U		# 0.001	-
	mg/L	02/12/1998	0001	0.0040	U		# 0.004	-
	mg/L	08/18/1998	0001	0.0020	U		# 0.002	-
	mg/L	08/18/1998	0002	0.0020	U		# 0.002	-
	mg/L	02/16/2000	0001	0.001	U		# 0.001	-
	mg/L	02/16/2000	0002	0.001	U		# 0.001	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	09/17/1995	N001	136			# 10	-
	mg/L	01/07/1996	N001	119			# 10	-
	mg/L	03/25/1997	N001	101			# -	-
	mg/L	09/10/1997	N001	130			# -	-
	mg/L	02/11/1998	N001	140			# -	-
	mg/L	08/18/1998	0001	109			# -	-
	mg/L	08/18/1998	N001	101			# -	-
	mg/L	02/15/2000	0001	139			# -	-
	mg/L	02/15/2000	N001	138			# -	-
Aluminum	mg/L	09/17/1995	0001	0.05			# 0.05	-
	mg/L	09/17/1995	N001	0.16			# 0.05	-
Ammonium	mg/L	09/17/1995	N001	0.1	U		# 0.1	-
Antimony	mg/L	09/17/1995	0001	0.003	U		# 0.003	-
	mg/L	09/17/1995	N001	0.003	U		# 0.003	-
	mg/L	01/07/1996	0001	0.003	U		# 0.003	-
	mg/L	01/07/1996	N001	0.003	UW	J	# 0.003	-
	mg/L	03/25/1997	0001	0.0010	U		# 0.001	-
	mg/L	09/10/1997	0001	0.0010	U		# 0.001	-
	mg/L	02/11/1998	0001	0.0010	U		# 0.001	-
	mg/L	08/18/1998	0001	0.0010	U		# 0.001	-
	mg/L	02/15/2000	0001	0.0004	B	U	# -	-
Arsenic	mg/L	09/17/1995	0001	0.005	UN	J	# 0.005	-
	mg/L	09/17/1995	N001	0.005	UN	J	# 0.005	-
	mg/L	01/07/1996	0001	0.005	UW	J	# 0.005	-
	mg/L	01/07/1996	N001	0.005	U		# 0.005	-
	mg/L	03/25/1997	0001	0.00039	B		# -	-
	mg/L	09/10/1997	0001	0.0010	U		# 0.001	-
	mg/L	02/11/1998	0001	0.0010	U		# 0.001	-
	mg/L	08/18/1998	0001	0.0010	U		# 0.001	-
	mg/L	02/15/2000	0001	0.0004	U	UJ	# 0.0004	-
Bromide	mg/L	01/07/1996	0001	0.10	UI		# 0.1	-
Calcium	mg/L	09/17/1995	0001	87.4			# 0.5	-
	mg/L	09/17/1995	N001	86.5			# 0.5	-
	mg/L	01/07/1996	0001	83.9			# 1	-
	mg/L	03/25/1997	0001	40.300			# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Calcium	mg/L	09/10/1997	0001	79.200			#	-	-
	mg/L	02/11/1998	0001	91.600			#	-	-
	mg/L	08/18/1998	0001	78.200			#	-	-
	mg/L	02/15/2000	0001	89.300			#	-	-
Chloride	mg/L	09/17/1995	0001	6.2			#	0.5	-
	mg/L	01/07/1996	0001	6.91			#	0.5	-
	mg/L	03/25/1997	0001	3.200			#	-	-
	mg/L	09/10/1997	0001	6.240			#	-	-
	mg/L	02/11/1998	0001	8.940			#	-	-
	mg/L	08/18/1998	0001	4.800			#	-	-
	mg/L	02/15/2000	0001	9.350			#	-	-
Fluoride	mg/L	09/17/1995	0001	0.4			#	0.1	-
Gross Alpha	pCi/L	03/25/1997	0001	2.55	U		#	2.55	± 1.63
	pCi/L	09/10/1997	0001	3.95	U		#	3.95	± 2.15
	pCi/L	02/11/1998	0001	5.75			#	3.59	± 2.78
	pCi/L	08/18/1998	0001	3.83	U	J	#	3.83	± 2.28
	pCi/L	02/15/2000	0001	3.55	U	J	#	3.55	± 2.16
Gross Beta	pCi/L	03/25/1997	0001	4.78			#	2.91	± 1.91
	pCi/L	09/10/1997	0001	4.02	U		#	4.02	± 2.38
	pCi/L	02/11/1998	0001	7.35			#	4.67	± 3.04
	pCi/L	08/18/1998	0001	4.20	U		#	4.2	± 2.53
	pCi/L	02/15/2000	0001	3.81	U		#	3.81	± 2.35
Iron	mg/L	09/17/1995	0001	0.03	U		#	0.03	-
	mg/L	09/17/1995	N001	0.14			#	0.03	-
	mg/L	01/07/1996	0001	0.03	U		#	0.03	-
Lead-210	pCi/L	09/17/1995	0001	0.0			#	0.9	± 0.50
	pCi/L	03/25/1997	0001	1.09	U		#	1.09	± 0.64
	pCi/L	09/10/1997	0001	0.71	U		#	0.71	± 0.42
	pCi/L	02/11/1998	0001	0.87	U		#	0.87	± 0.51
	pCi/L	08/18/1998	0001	0.98	U		#	0.98	± 0.57
	pCi/L	02/15/2000	0001	1.06	U		#	1.06	± 0.62
Magnesium	mg/L	09/17/1995	0001	28.2			#	0.1	-
	mg/L	09/17/1995	N001	27.7			#	0.1	-
	mg/L	01/07/1996	0001	21.1			#	0.1	-
	mg/L	03/25/1997	0001	11.600			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	09/10/1997	0001	26.500			#	-	-
	mg/L	02/11/1998	0001	31.300			#	-	-
	mg/L	08/18/1998	0001	20.100			#	-	-
	mg/L	02/15/2000	0001	30.400			#	-	-
Manganese	mg/L	09/17/1995	0001	0.03			#	0.01	-
	mg/L	09/17/1995	N001	0.04			#	0.01	-
	mg/L	01/07/1996	0001	0.02			#	0.01	-
	mg/L	01/07/1996	N001	0.04			#	0.01	-
	mg/L	03/25/1997	0001	0.0244			#	-	-
	mg/L	09/10/1997	0001	0.0209			#	-	-
	mg/L	02/11/1998	0001	0.0426			#	-	-
	mg/L	08/18/1998	0001	0.0174			#	-	-
	mg/L	02/15/2000	0001	0.0295			#	-	-
Molybdenum	mg/L	09/17/1995	0001	0.01	U		#	0.01	-
	mg/L	09/17/1995	N001	0.01	U		#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
	mg/L	01/07/1996	N001	0.01	U		#	0.01	-
	mg/L	03/25/1997	0001	0.0018	B		#	-	-
	mg/L	09/10/1997	0001	0.0031	B		#	-	-
	mg/L	02/11/1998	0001	0.0025	B		#	-	-
	mg/L	08/18/1998	0001	0.0036	B		#	-	-
	mg/L	02/15/2000	0001	0.0028	B		#	-	-
Nitrate	mg/L	09/17/1995	N001	1	U		#	1	-
	mg/L	03/25/1997	0001	0.623	B		#	-	-
	mg/L	09/10/1997	0001	0.0140	U		#	0.014	-
	mg/L	02/11/1998	0001	0.433	B		#	-	-
	mg/L	08/18/1998	0001	0.117	B		#	-	-
	mg/L	02/15/2000	0001	0.010	U		#	0.01	-
Oxidation Reduction Potent	mV	03/25/1997	N001	123			#	-	-
	mV	02/11/1998	N001	47			#	-	-
	mV	08/18/1998	N001	198			#	-	-
	mV	02/15/2000	N001	191			#	-	-
pH	s.u.	09/17/1995	N001	8.68			#	0.1	-
	s.u.	01/07/1996	N001	8.06			#	0.1	-
	s.u.	03/25/1997	N001	7.17			#	-	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
pH	s.u.	09/10/1997	N001	8.47			#	-
	s.u.	02/11/1998	N001	7.90			#	-
	s.u.	08/18/1998	N001	8.35			#	-
	s.u.	02/15/2000	N001	8.28			#	-
Polonium-210	pCi/L	09/17/1995	0001	0.0			#	0.2 ± 0.10
	pCi/L	03/25/1997	0001	0.19		U	#	0.11 ± 0.16
	pCi/L	09/10/1997	0001	0.14		U	#	0.08 ± 0.13
	pCi/L	02/11/1998	0001	0.14		U	#	0.07 ± 0.12
	pCi/L	08/18/1998	0001	0.09	U		#	0.09 ± 0.11
	pCi/L	02/15/2000	0001	0.07	U		#	0.07 ± 0.09
Potassium	mg/L	09/17/1995	0001	2.5			#	0.1 -
	mg/L	09/17/1995	N001	2.7			#	0.1 -
	mg/L	01/07/1996	0001	1.49			#	0.1 -
	mg/L	03/25/1997	0001	2.140			#	- -
	mg/L	09/10/1997	0001	1.770			#	- -
	mg/L	02/11/1998	0001	1.710			#	- -
	mg/L	08/18/1998	0001	2.090			#	- -
	mg/L	02/15/2000	0001	1.700	E	J	#	- -
Radium-226	pCi/L	09/17/1995	0001	0.2			#	0.1 ± 0.10
	pCi/L	03/25/1997	0001	0.06			#	0.02 ± 0.04
	pCi/L	09/10/1997	0001	0.10			#	0.02 ± 0.05
	pCi/L	02/11/1998	0001	0.06			#	0.01 ± 0.04
	pCi/L	08/18/1998	0001	0.16	U		#	0.16 ± 0.08
	pCi/L	02/15/2000	0001	0	U		#	0.13 ± 0.07
Radium-228	pCi/L	09/17/1995	0001	1.0			#	0.7 ± 0.40
	pCi/L	03/25/1997	0001	0.3	U		#	0.3 ± 0.20
	pCi/L	09/10/1997	0001	0.8	U		#	0.8 ± 0.40
	pCi/L	02/11/1998	0001	0.6	U		#	0.6 ± 0.30
	pCi/L	08/18/1998	0001	0.70	U		#	0.7 ± 0.42
	pCi/L	02/15/2000	0001	0.74	U		#	0.74 ± 0.43
Selenium	mg/L	09/17/1995	0001	0.005	U		#	0.005 -
	mg/L	09/17/1995	N001	0.005	U		#	0.005 -
	mg/L	01/07/1996	0001	0.005	U		#	0.005 -
	mg/L	01/07/1996	N001	0.005	U		#	0.005 -
	mg/L	03/25/1997	0001	0.0010	U		#	0.001 -

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Selenium	mg/L	09/10/1997	0001	0.0010	U		#	0.001	-
	mg/L	02/11/1998	0001	0.0010	U		#	0.001	-
	mg/L	08/18/1998	0001	0.0010	UN	J	#	0.001	-
	mg/L	02/15/2000	0001	0.00076	B		#	-	-
Silica	mg/L	09/17/1995	0001	9.8			#	0.1	-
Silver	mg/L	09/17/1995	0001	0.01	UN	J	#	0.01	-
	mg/L	09/17/1995	N001	0.01	UN	J	#	0.01	-
	mg/L	01/07/1996	0001	0.01	U		#	0.01	-
Sodium	mg/L	09/17/1995	0001	27			#	1	-
	mg/L	09/17/1995	N001	26			#	1	-
	mg/L	01/07/1996	0001	20.7			#	1	-
	mg/L	03/25/1997	0001	11.200			#	-	-
	mg/L	09/10/1997	0001	25.400			#	-	-
	mg/L	02/11/1998	0001	30.900			#	-	-
	mg/L	08/18/1998	0001	19.100			#	-	-
	mg/L	02/15/2000	0001	31.700			#	-	-
Specific Conductance	umhos/cm	09/17/1995	N001	642			#	1	-
	umhos/cm	01/07/1996	N001	373			#	1	-
	umhos/cm	03/25/1997	N001	362			#	-	-
	umhos/cm	09/10/1997	N001	708			#	-	-
	umhos/cm	02/11/1998	N001	823			#	-	-
	umhos/cm	08/18/1998	N001	534			#	-	-
	umhos/cm	02/15/2000	N001	766			#	-	-
Strontium	mg/L	09/17/1995	0001	1.37			#	0.01	-
	mg/L	09/17/1995	N001	1.27			#	0.01	-
Sulfate	mg/L	09/17/1995	0001	247			#	1	-
	mg/L	01/07/1996	0001	192	I		#	1	-
	mg/L	03/25/1997	0001	70.700			#	-	-
	mg/L	09/10/1997	0001	219.000			#	-	-
	mg/L	02/11/1998	0001	252.000			#	-	-
	mg/L	08/18/1998	0001	202.000			#	-	-
	mg/L	02/15/2000	0001	271.000			#	-	-
Temperature	C	09/17/1995	N001	17.4			#	0.1	-
	C	01/07/1996	N001	0.2			#	0.1	-
	C	03/25/1997	N001	6.8			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Temperature	C	09/10/1997	N001	19.0			#	-
	C	02/11/1998	N001	1.9			#	-
	C	08/18/1998	N001	21.8			#	-
	C	02/15/2000	N001	6.7			#	-
Total Dissolved Solids	mg/L	09/17/1995	0001	530			#	10
	mg/L	01/07/1996	0001	440			#	10
	mg/L	03/25/1997	0001	232			#	-
	mg/L	09/10/1997	0001	485			#	-
	mg/L	02/11/1998	0001	525			#	-
	mg/L	08/18/1998	0001	445			#	-
	mg/L	02/15/2000	0001	560			#	-
Turbidity	NTU	03/25/1997	N001	86.0			#	-
	NTU	09/10/1997	N001	8.35			#	-
	NTU	02/11/1998	N001	4.52			#	-
	NTU	08/18/1998	N001	6.01			#	-
	NTU	02/15/2000	N001	4.39			#	-
Uranium	mg/L	09/17/1995	0001	0.003			#	0.001
	mg/L	09/17/1995	N001	0.003			#	0.001
	mg/L	01/07/1996	0001	0.005			#	0.001
	mg/L	01/07/1996	N001	0.006			#	0.001
	mg/L	03/25/1997	0001	0.0019			#	-
	mg/L	09/10/1997	0001	0.0022			#	-
	mg/L	02/11/1998	0001	0.0039			#	-
	mg/L	08/18/1998	0001	0.0016			#	-
	mg/L	02/15/2000	0001	0.0032			#	-
Vanadium	mg/L	09/17/1995	0001	0.01	U		#	0.01
	mg/L	09/17/1995	N001	0.01	U		#	0.01
	mg/L	01/07/1996	0001	0.01	U		#	0.01
	mg/L	01/07/1996	N001	0.01	U		#	0.01
	mg/L	03/25/1997	0001	0.0050	U		#	0.005
	mg/L	09/10/1997	0001	0.0026	B		#	-
	mg/L	02/11/1998	0001	0.0040	U		#	0.004
	mg/L	08/18/1998	0001	0.0020	U		#	0.002
	mg/L	02/15/2000	0001	0.001	U		#	0.001

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0556 APX 200' DN STM OF #538 SPRING, SL  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0557 Location est. using ArcView RJZ  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	03/26/1997	N001	170			#	-	-
	mg/L	08/20/1998	0001	205			#	-	-
	mg/L	08/20/1998	N001	209			#	-	-
Antimony	mg/L	03/26/1997	0001	0.0010	U		#	0.001	-
	mg/L	08/20/1998	0001	0.0010	U		#	0.001	-
Arsenic	mg/L	03/26/1997	0001	0.00090	B		#	-	-
	mg/L	08/20/1998	0001	0.0013	B		#	-	-
Calcium	mg/L	03/26/1997	0001	57.300			#	-	-
	mg/L	08/20/1998	0001	210.000			#	-	-
Chloride	mg/L	03/26/1997	0001	5.200			#	-	-
	mg/L	08/20/1998	0001	4.650			#	-	-
Gross Alpha	pCi/L	03/26/1997	0001	4.95			#	3.53	± 2.57
	pCi/L	08/20/1998	0001	10.38	U	J	#	10.38	± 6.11
Gross Beta	pCi/L	03/26/1997	0001	10.00			#	3.9	± 2.73
	pCi/L	08/20/1998	0001	10.95	U		#	10.95	± 6.45
Lead-210	pCi/L	03/26/1997	0001	1.10	U		#	1.1	± 0.66
	pCi/L	08/20/1998	0001	0.89	U		#	0.89	± 0.51
Magnesium	mg/L	03/26/1997	0001	14.900			#	-	-
	mg/L	08/20/1998	0001	89.000			#	-	-
Manganese	mg/L	03/26/1997	0001	0.314			#	-	-
	mg/L	08/20/1998	0001	0.192			#	-	-
Molybdenum	mg/L	03/26/1997	0001	0.0031	B		#	-	-
	mg/L	08/20/1998	0001	0.0033	B		#	-	-
Nitrate	mg/L	03/26/1997	0001	0.0469	B		#	-	-
	mg/L	08/20/1998	0001	0.0901	B		#	-	-
Oxidation Reduction Potent	mV	03/26/1997	N001	130			#	-	-
pH	s.u.	03/26/1997	N001	8.02			#	-	-
	s.u.	08/20/1998	N001	7.17			#	-	-
Polonium-210	pCi/L	03/26/1997	0001	0.17		U	#	0.1	± 0.16
	pCi/L	08/20/1998	0001	0.09		U	#	0.03	± 0.07
Potassium	mg/L	03/26/1997	0001	6.390			#	-	-
	mg/L	08/20/1998	0001	4.570			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0557 Location est. using ArcView RJZ  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Radium-226	pCi/L	03/26/1997	0001	0.18			#	0.02	± 0.08
	pCi/L	08/20/1998	0001	0.48			#	0.13	± 0.10
Radium-228	pCi/L	03/26/1997	0001	0.8	U		#	0.8	± 0.40
	pCi/L	08/20/1998	0001	0.59	U		#	0.59	± 0.36
Selenium	mg/L	03/26/1997	0001	0.0010	U		#	0.001	-
	mg/L	08/20/1998	0001	0.0010	UN	J	#	0.001	-
Sodium	mg/L	03/26/1997	0001	21.800			#	-	-
	mg/L	08/20/1998	0001	27.700			#	-	-
Specific Conductance	umhos/cm	03/26/1997	N001	516			#	-	-
	umhos/cm	08/20/1998	N001	1618			#	-	-
Sulfate	mg/L	03/26/1997	0001	104.000			#	-	-
	mg/L	08/20/1998	0001	726.000			#	-	-
Temperature	C	03/26/1997	N001	14.9			#	-	-
	C	08/20/1998	N001	18.6			#	-	-
Total Dissolved Solids	mg/L	03/26/1997	0001	328			#	-	-
	mg/L	08/20/1998	0001	1330			#	-	-
Turbidity	NTU	03/26/1997	N001	72.6			#	-	-
	NTU	08/20/1998	N001	38.1			#	-	-
Uranium	mg/L	03/26/1997	0001	0.0092			#	-	-
	mg/L	08/20/1998	0001	0.0046			#	-	-
Vanadium	mg/L	03/26/1997	0001	0.0050	U		#	0.005	-
	mg/L	08/20/1998	0001	0.0020	U		#	0.002	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0557 Location est. using ArcView RJZ  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code  
 in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM  
 6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR  
 IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0558  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	12/01/2000	0001	120			#	-	-
	mg/L	03/02/2001	0001	119			#	-	-
Aluminum	mg/L	12/01/2000	0001	0.29	UDI		#	0.29	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Arsenic	mg/L	12/01/2000	0001	0.00061			#	0.0002	-
	mg/L	03/02/2001	0001	0.00063			#	0.0002	-
Barium	mg/L	12/01/2000	0001	0.07	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	12/01/2000	0001	49	DI		#	0.2	-
	mg/L	03/02/2001	0001	76.9	DI		#	0.2	-
Chloride	mg/L	12/01/2000	0001	4.8	DI		#	0.01	-
	mg/L	03/02/2001	0001	7.43	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	12/01/2000	N001	13.5			#	-	-
	mg/L	03/02/2001	N001	13.7			#	-	-
Eh	mV	03/02/2001	N001	365			#	-	-
Iron	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	12/01/2000	0001	0.2	UDI		#	0.2	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0558  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lithium	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Magnesium	mg/L	12/01/2000	0001	22.9	DI		#	0.16	-
	mg/L	03/02/2001	0001	24	DI		#	0.16	-
Manganese	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	12/01/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	03/02/2001	N001	148			#	-	-
pH	s.u.	12/01/2000	N001	8			#	-	-
	s.u.	03/02/2001	N001	8.18			#	-	-
Phosphorus	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	12/01/2000	0001	1.63	DI		#	0.2	-
	mg/L	03/02/2001	0001	1.58	DI		#	0.2	-
Selenium	mg/L	12/01/2000	0001	0.00086			#	0.0003	-
	mg/L	03/02/2001	0001	0.00094			#	0.0003	-
Silicon	mg/L	12/01/2000	0001	3.17	DI		#	0.2	-
	mg/L	03/02/2001	0001	2.64	DI	J	#	0.2	-
Sodium	mg/L	12/01/2000	0001	15.2	DI		#	0.12	-
	mg/L	03/02/2001	0001	24.2	DI		#	0.12	-
Specific Conductance	umhos/cm	12/01/2000	N001	620			#	-	-
	umhos/cm	03/02/2001	N001	729			#	-	-
Strontium	mg/L	12/01/2000	0001	1.06	DI		#	0.29	-
	mg/L	03/02/2001	0001	1	DI		#	0.28	-
Sulfate	mg/L	12/01/2000	0001	201	DI		#	0.08	-
	mg/L	03/02/2001	0001	196	DI		#	0.04	-
Temperature	C	12/01/2000	N001	0			#	-	-
	C	03/02/2001	N001	0.72			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0558  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Total Dissolved Solids	mg/L	12/01/2000	0001	453			# -	-
Uranium	mg/L	12/01/2000	0001	0.0021			# 0.0005	-
	mg/L	03/02/2001	0001	0.00219			# 0.001	-
Vanadium	mg/L	12/01/2000	0001	0.04	UDI		# 0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	12/01/2000	0001	0.04	UDI		# 0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE "R\*" OR data\_validation\_qualifiers LIKE "X\*") OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0559  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	11/30/2000	0001	223			#	-	-
	mg/L	03/01/2001	0001	237			#	-	-
Aluminum	mg/L	11/30/2000	0001	0.29	UDI		#	0.29	-
	mg/L	03/01/2001	0001	0.47	DI		#	0.28	-
Arsenic	mg/L	11/30/2000	0001	0.0017			#	0.0002	-
	mg/L	03/01/2001	0001	0.001			#	0.0002	-
Barium	mg/L	11/30/2000	0001	0.04	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Boron	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.09	DI		#	0.04	-
Bromide	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.09	DI		#	0.04	-
Cadmium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	11/30/2000	0001	61	DI		#	0.2	-
	mg/L	03/01/2001	0001	165	DI		#	0.2	-
Chloride	mg/L	11/30/2000	0001	3.58	DI		#	0.01	-
	mg/L	03/01/2001	0001	11.3	DI		#	0.01	-
Chromium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	11/30/2000	N001	2.6			#	-	-
	mg/L	03/01/2001	N001	4.02			#	-	-
Eh	mV	11/30/2000	N001	198			#	-	-
	mV	03/01/2001	N001	155			#	-	-
Iron	mg/L	11/30/2000	0001	0.48	DI		#	0.033	-
	mg/L	03/01/2001	0001	0.22	DI		#	0.032	-
Lead	mg/L	11/30/2000	0001	0.2	UDI		#	0.2	-
	mg/L	03/01/2001	0001	0.2	UDI		#	0.2	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0559  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lithium	mg/L	11/30/2000	0001	0.03	UDI		#	0.03	-
	mg/L	03/01/2001	0001	0.03	DI		#	0.028	-
Magnesium	mg/L	11/30/2000	0001	33.2	DI		#	0.16	-
	mg/L	03/01/2001	0001	39.6	DI		#	0.16	-
Manganese	mg/L	11/30/2000	0001	0.69	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.78	DI		#	0.04	-
Molybdenum	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	11/30/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	11/30/2000	0001	0.02	DI		#	0.02	-
	mg/L	03/01/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	11/30/2000	N001	-14			#	-	-
	mV	03/01/2001	N001	-57			#	-	-
pH	s.u.	11/30/2000	N001	7.26			#	-	-
	s.u.	03/01/2001	N001	7.17			#	-	-
Phosphorus	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	11/30/2000	0001	1.9	DI		#	0.2	-
	mg/L	03/01/2001	0001	1.98	DI		#	0.2	-
Selenium	mg/L	11/30/2000	0001	0.0004			#	0.0003	-
	mg/L	03/01/2001	0001	0.001			#	0.0003	-
Silicon	mg/L	11/30/2000	0001	5.49	DI		#	0.2	-
	mg/L	03/01/2001	0001	5.55	DI	J	#	0.2	-
Sodium	mg/L	11/30/2000	0001	32.7	DI		#	0.12	-
	mg/L	03/01/2001	0001	45.1	DI		#	0.12	-
Specific Conductance	umhos/cm	11/30/2000	N001	960			#	-	-
	umhos/cm	03/01/2001	N001	1170			#	-	-
Strontium	mg/L	11/30/2000	0001	1.17	DI		#	0.29	-
	mg/L	03/01/2001	0001	1.39	DI		#	0.28	-
Sulfate	mg/L	11/30/2000	0001	146	DI		#	0.04	-
	mg/L	03/01/2001	0001	389	DI		#	0.04	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA

LOCATION: 0559

REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN-CERTAINTY
		DATE	ID		LAB	DATA	QA		
Temperature	C	11/30/2000	N001	5.5			#	-	-
	C	03/01/2001	N001	6.05			#	-	-
Total Dissolved Solids	mg/L	11/30/2000	0001	718			#	-	-
Uranium	mg/L	11/30/2000	0001	0.243			#	0.0005	-
	mg/L	03/01/2001	0001	0.257	DI		#	0.01	-
Vanadium	mg/L	11/30/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Zinc	mg/L	11/30/2000	0001	0.06	DI		#	0.041	-
	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0560  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	12/01/2000	0001	128			#	-	-
Aluminum	mg/L	12/01/2000	0001	0.29	UDI		#	0.29	-
Arsenic	mg/L	12/01/2000	0001	0.0006			#	0.0002	-
Barium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Boron	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Bromide	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	12/01/2000	0001	54	DI		#	0.2	-
Chloride	mg/L	12/01/2000	0001	5	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	12/01/2000	N001	12.8			#	-	-
Iron	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
Lead	mg/L	12/01/2000	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
Magnesium	mg/L	12/01/2000	0001	23.8	DI		#	0.16	-
Manganese	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	12/01/2000	0001	0.04	UDI	J	#	0.04	-
Nitrate	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
pH	s.u.	12/01/2000	N001	8.32			#	-	-
Phosphorus	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
Potassium	mg/L	12/01/2000	0001	1.52	DI		#	0.2	-
Selenium	mg/L	12/01/2000	0001	0.0007			#	0.0003	-
Silicon	mg/L	12/01/2000	0001	3.26	DI		#	0.2	-
Sodium	mg/L	12/01/2000	0001	16.9	DI		#	0.12	-
Specific Conductance	umhos/cm	12/01/2000	N001	623			#	-	-
Strontium	mg/L	12/01/2000	0001	1.09	DI		#	0.29	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0560  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN-CERTAINTY
		DATE	ID		LAB DATA	QA		
Sulfate	mg/L	12/01/2000	0001	207	DI	#	0.08	-
Temperature	C	12/01/2000	N001	0		#	-	-
Total Dissolved Solids	mg/L	12/01/2000	0001	471		#	-	-
Uranium	mg/L	12/01/2000	0001	0.0035		#	0.0005	-
Vanadium	mg/L	12/01/2000	0001	0.04	UDI	#	0.04	-
Zinc	mg/L	12/01/2000	0001	0.04	DI	#	0.041	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0561  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	12/01/2000	0001	118			#	-	-
	mg/L	03/02/2001	0001	269			#	-	-
Aluminum	mg/L	12/01/2000	0001	0.29	UDI		#	0.29	-
	mg/L	03/02/2001	0001	0.43	DI		#	0.28	-
Arsenic	mg/L	12/01/2000	0001	0.0006			#	0.0002	-
	mg/L	03/02/2001	0001	0.0014			#	0.0002	-
Barium	mg/L	12/01/2000	0001	0.04	DI		#	0.041	-
	mg/L	03/02/2001	0001	0.08	DI		#	0.04	-
Boron	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.14	DI		#	0.04	-
Bromide	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.29	DI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	12/01/2000	0001	53	DI		#	0.21	-
	mg/L	03/02/2001	0001	149	DI		#	0.2	-
Chloride	mg/L	12/01/2000	0001	4.4	DI		#	0.01	-
	mg/L	03/02/2001	0001	29.3	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	12/01/2000	N001	12.2			#	-	-
	mg/L	03/02/2001	N001	11.9			#	-	-
Eh	mV	03/02/2001	N001	368			#	-	-
Iron	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	12/01/2000	0001	0.21	UDI		#	0.21	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	12/01/2000	0001	0.03	UDI		#	0.03	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0561  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lithium	mg/L	03/02/2001	0001	0.05	DI		#	0.028	-
Magnesium	mg/L	12/01/2000	0001	22	DI		#	0.16	-
	mg/L	03/02/2001	0001	41.4	DI		#	0.16	-
Manganese	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.69	DI		#	0.04	-
Molybdenum	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	12/01/2000	0001	0.04	UDI	J	#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	03/02/2001	N001	156			#	-	-
pH	s.u.	12/01/2000	N001	8.4			#	-	-
	s.u.	03/02/2001	N001	7.89			#	-	-
Phosphorus	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	12/01/2000	0001	1.5	DI		#	0.21	-
	mg/L	03/02/2001	0001	6.1	DI		#	0.2	-
Selenium	mg/L	12/01/2000	0001	0.0008			#	0.0003	-
	mg/L	03/02/2001	0001	0.0018			#	0.0003	-
Silicon	mg/L	12/01/2000	0001	3.14	DI		#	0.21	-
	mg/L	03/02/2001	0001	2.24	DI	J	#	0.2	-
Sodium	mg/L	12/01/2000	0001	14.5	DI		#	0.12	-
	mg/L	03/02/2001	0001	121	DI		#	0.12	-
Specific Conductance	umhos/cm	12/01/2000	N001	583			#	-	-
	umhos/cm	03/02/2001	N001	1380			#	-	-
Strontium	mg/L	12/01/2000	0001	1.05	DI		#	0.29	-
	mg/L	03/02/2001	0001	1.74	DI		#	0.28	-
Sulfate	mg/L	12/01/2000	0001	191	DI		#	0.08	-
	mg/L	03/02/2001	0001	459	DI		#	0.04	-
Temperature	C	12/01/2000	N001	0.7			#	-	-
	C	03/02/2001	N001	6.23			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0561  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Total Dissolved Solids	mg/L	12/01/2000	0001	437			# -	-
Uranium	mg/L	12/01/2000	0001	0.0021			# 0.0005	-
	mg/L	03/02/2001	0001	0.440	DI		# 0.1	-
Vanadium	mg/L	12/01/2000	0001	0.04	UDI		# 0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	12/01/2000	0001	0.05	DI		# 0.041	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE "R\*" OR data\_validation\_qualifiers LIKE "X\*") OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0567  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	03/01/2001	0001	477			#	-	-
Aluminum	mg/L	03/01/2001	0001	0.88	DI		#	0.28	-
Arsenic	mg/L	03/01/2001	0001	0.0016			#	0.0002	-
Barium	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Boron	mg/L	03/01/2001	0001	0.17	DI		#	0.04	-
Bromide	mg/L	03/01/2001	0001	0.58	DI		#	0.04	-
Cadmium	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	03/01/2001	0001	302	DI		#	0.2	-
Chloride	mg/L	03/01/2001	0001	365	DI		#	0.01	-
Chromium	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	03/01/2001	N001	6.18			#	-	-
Eh	mV	03/01/2001	N001	164			#	-	-
Iron	mg/L	03/01/2001	0001	0.22	DI		#	0.032	-
Lead	mg/L	03/01/2001	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	03/01/2001	0001	0.14	DI		#	0.028	-
Magnesium	mg/L	03/01/2001	0001	132	DI		#	0.16	-
Manganese	mg/L	03/01/2001	0001	1.76	DI		#	0.04	-
Molybdenum	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	03/01/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	03/01/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	03/01/2001	N001	-47			#	-	-
pH	s.u.	03/01/2001	N001	7.03			#	-	-
Phosphorus	mg/L	03/01/2001	0001	0.06	DI	J	#	0.04	-
Potassium	mg/L	03/01/2001	0001	6.28	DI		#	0.2	-
Selenium	mg/L	03/01/2001	0001	0.0021			#	0.0003	-
Silicon	mg/L	03/01/2001	0001	5.44	DI	J	#	0.2	-
Sodium	mg/L	03/01/2001	0001	698	DI		#	0.12	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: 0567  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Specific Conductance	umhos/cm	03/01/2001	N001	4780			# -	-
Strontium	mg/L	03/01/2001	0001	4.37	DI		# 0.28	-
Sulfate	mg/L	03/01/2001	0001	1710	DI		# 0.04	-
Temperature	C	03/01/2001	N001	7.58			# -	-
Uranium	mg/L	03/01/2001	0001	1.060	DI		# 0.1	-
Vanadium	mg/L	03/01/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	03/01/2001	0001	0.04	UDI		# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	11/18/1998	0001	166			-	-
	mg/L	04/02/1999	0001	138			-	-
	mg/L	06/09/1999	0001	83			-	-
	mg/L	09/23/1999	0001	115			-	-
	mg/L	02/29/2000	0001	132			-	-
	mg/L	06/08/2000	0001	71			-	-
	mg/L	11/27/2000	0001	109		#	-	-
	mg/L	03/02/2001	0001	108		#	-	-
Aluminum	mg/L	11/18/1998	0001	0.33	UDI		0.33	-
	mg/L	04/02/1999	0001	0.33	UDI		0.33	-
	mg/L	06/09/1999	0001	0.33	UDI		0.33	-
	mg/L	09/23/1999	0001	0.33	UDI		0.33	-
	mg/L	02/29/2000	0001	0.33	UDI		0.33	-
	mg/L	06/08/2000	0001	0.29	UDI		0.29	-
	mg/L	11/27/2000	0001	0.14	UDI	#	0.14	-
	mg/L	03/02/2001	0001	0.28	UDI	#	0.28	-
Arsenic	mg/L	06/08/2000	0001	0.29	UDI		0.29	-
	mg/L	11/27/2000	0001	0.0005		#	0.0002	-
	mg/L	03/02/2001	0001	0.0006		#	0.0002	-
Barium	mg/L	06/08/2000	0001	0.04	UDI		0.04	-
	mg/L	11/27/2000	0001	0.04	DI	#	0.02	-
	mg/L	03/02/2001	0001	0.05	DI	#	0.04	-
Boron	mg/L	06/08/2000	0001	0.04	UDI		0.04	-
	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.08	DI	#	0.04	-
Bromide	mg/L	06/08/2000	0001	0.08	UDI		0.08	-
	mg/L	11/27/2000	0001	0.04	UDI	#	0.04	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Cadmium	mg/L	06/08/2000	0001	0.04	UDI		0.04	-
	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Calcium	mg/L	11/18/1998	0001	95.5	DI		0.065	-
	mg/L	04/02/1999	0001	66.2	DI		0.065	-
	mg/L	06/09/1999	0001	43.2	DI		0.065	-
	mg/L	09/23/1999	0001	72.3	DI		0.065	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Calcium	mg/L	02/29/2000	0001	91.4	DI			0.065	-
	mg/L	06/08/2000	0001	35.6	DI			0.2	-
	mg/L	11/27/2000	0001	32	DI		#	0.1	-
	mg/L	03/02/2001	0001	76.7	DI		#	0.2	-
Chloride	mg/L	11/18/1998	0001	11.3	DI			0.025	-
	mg/L	04/02/1999	0001	5.6	DI			0.01	-
	mg/L	06/09/1999	0001	2	DI			0.025	-
	mg/L	09/23/1999	0001	4.49				0.005	-
	mg/L	02/29/2000	0001	10.4	DI			0.02	-
	mg/L	06/08/2000	0001	1.72	DI			0.02	-
	mg/L	11/27/2000	0001	4	DI		#	0.01	-
	mg/L	03/02/2001	0001	8.08	DI		#	0.01	-
Chromium	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	04/02/1999	0001	0.01	DI			-	-
	mg/L	06/09/1999	0001	0.01	DI			-	-
	mg/L	02/29/2000	0001	0.01	DI			-	-
	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	11/18/1998	0001	0.03	UDI			0.03	-
	mg/L	04/02/1999	0001	0.03	UDI			0.03	-
	mg/L	06/09/1999	0001	0.03	UDI			0.03	-
	mg/L	09/23/1999	0001	0.03	UDI			0.03	-
	mg/L	02/29/2000	0001	0.03	UDI			0.03	-
	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	11/18/1998	N001	7.44				-	-
	mg/L	04/02/1999	N001	8.97				-	-
	mg/L	06/09/1999	N001	7.94				-	-
	mg/L	09/23/1999	N001	6.7				-	-
	mg/L	02/29/2000	N001	2				-	-
	mg/L	06/08/2000	N001	7.64				-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Dissolved Oxygen	mg/L	11/27/2000	N001	10.8			#	-
	mg/L	03/02/2001	N001	13.6			#	-
Eh	mV	11/18/1998	N001	315				-
	mV	04/02/1999	N001	373				-
	mV	06/09/1999	N001	366				-
	mV	09/23/1999	N001	298				-
	mV	06/08/2000	N001	281				-
	mV	11/27/2000	N001	438			#	-
	mV	03/02/2001	N001	365			#	-
Iron	mg/L	11/18/1998	0001	0.05	UDI			0.05
	mg/L	04/02/1999	0001	0.05	UDI			0.05
	mg/L	06/09/1999	0001	0.05	UDI			0.05
	mg/L	09/23/1999	0001	0.05	UDI			0.05
	mg/L	02/29/2000	0001	0.05	UDI			0.05
	mg/L	06/08/2000	0001	0.03	UDI			0.03
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03
Lead	mg/L	11/18/1998	0001	0.65	UDI			0.65
	mg/L	04/02/1999	0001	0.65	UDI			0.65
	mg/L	06/09/1999	0001	0.65	UDI			0.65
	mg/L	09/23/1999	0001	0.65	UDI			0.65
	mg/L	02/29/2000	0001	0.65	UDI			0.65
	mg/L	06/08/2000	0001	0.2	UDI			0.2
	mg/L	11/27/2000	0001	0.1	UDI		#	0.1
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2
Lithium	mg/L	06/08/2000	0001	0.03	UDI			0.03
	mg/L	11/27/2000	0001	0.01	UDI		#	0.01
	mg/L	03/02/2001	0001	0.03	DI		#	0.028
Magnesium	mg/L	11/18/1998	0001	40.4	DI			0.26
	mg/L	04/02/1999	0001	18.9	DI			0.26
	mg/L	06/09/1999	0001	9.58	DI			0.26
	mg/L	09/23/1999	0001	19.6	DI			0.26
	mg/L	02/29/2000	0001	35.3	DI			0.26
	mg/L	06/08/2000	0001	6.77	DI			0.16
	mg/L	11/27/2000	0001	16.3	DI		#	0.081

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Magnesium	mg/L	03/02/2001	0001	24.1	DI		#	0.16	-
Manganese	mg/L	11/18/1998	0001	0.07	UDI			0.07	-
	mg/L	04/02/1999	0001	0.07	UDI			0.07	-
	mg/L	06/09/1999	0001	0.07	UDI			0.07	-
	mg/L	09/23/1999	0001	0.07	UDI			0.07	-
	mg/L	02/29/2000	0001	0.07	UDI			0.07	-
	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	11/18/1998	0001	0.2	UDI			0.2	-
	mg/L	04/02/1999	0001	0.2	UDI			0.2	-
	mg/L	06/09/1999	0001	0.2	UDI			0.2	-
	mg/L	09/23/1999	0001	0.2	UDI			0.2	-
	mg/L	02/29/2000	0001	0.2	UDI			0.2	-
	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	11/27/2000	0001	0.09	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	11/18/1998	N001	99				-	-
	mV	04/02/1999	N001	158				-	-
	mV	06/09/1999	N001	162				-	-
	mV	09/23/1999	N001	97				-	-
	mV	06/08/2000	N001	78				-	-
	mV	11/27/2000	N001	224			#	-	-
	mV	03/02/2001	N001	148			#	-	-
pH	s.u.	11/18/1998	N001	7.94				-	-
	s.u.	04/02/1999	N001	8.41				-	-
	s.u.	06/09/1999	N001	8.44				-	-
	s.u.	09/23/1999	N001	8.64				-	-
	s.u.	02/29/2000	N001	8.53				-	-
	s.u.	06/08/2000	N001	8.54				-	-
	s.u.	11/27/2000	N001	8.58			#	-	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
pH	s.u.	03/02/2001	N001	8			#	-	-
Phosphorus	mg/L	11/18/1998	0001	0.65	UDI			0.65	-
	mg/L	04/02/1999	0001	0.65	UDI			0.65	-
	mg/L	06/09/1999	0001	0.65	UDI			0.65	-
	mg/L	09/23/1999	0001	0.65	UDI			0.65	-
	mg/L	02/29/2000	0001	0.65	UDI			0.65	-
	mg/L	06/08/2000	0001	0.04	UDI			0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	11/18/1998	0001	2.64	DI			2.6	-
	mg/L	04/02/1999	0001	3.79	DI			2.6	-
	mg/L	06/09/1999	0001	2.6	UDI			2.6	-
	mg/L	09/23/1999	0001	3.1	DI			2.6	-
	mg/L	02/29/2000	0001	2.6	UDI			2.6	-
	mg/L	06/08/2000	0001	0.93	DI			0.2	-
	mg/L	11/27/2000	0001	1.26	DI		#	0.1	-
	mg/L	03/02/2001	0001	1.63	DI		#	0.2	-
Selenium	mg/L	06/08/2000	0001	0.29	UDI			0.29	-
	mg/L	11/27/2000	0001	0.0006			#	0.0003	-
	mg/L	03/02/2001	0001	0.0009			#	0.0003	-
Silicon	mg/L	11/18/1998	0001	3.64	DI			0.65	-
	mg/L	04/02/1999	0001	3.6	DI			0.65	-
	mg/L	06/09/1999	0001	4	DI			0.65	-
	mg/L	09/23/1999	0001	4.07	DI			0.65	-
	mg/L	02/29/2000	0001	6.69	DI			0.65	-
	mg/L	06/08/2000	0001	2.66	DI			0.2	-
	mg/L	11/27/2000	0001	3.46	DI		#	0.1	-
	mg/L	03/02/2001	0001	2.64	DI	J	#	0.2	-
Sodium	mg/L	11/18/1998	0001	42.3	DI			0.65	-
	mg/L	04/02/1999	0001	20.7	DI			0.65	-
	mg/L	06/09/1999	0001	8.07	DI			0.65	-
	mg/L	09/23/1999	0001	18.7	DI			0.65	-
	mg/L	02/29/2000	0001	39.7	DI			0.65	-
	mg/L	06/08/2000	0001	4.96	DI			0.12	-
	mg/L	11/27/2000	0001	12	DI		#	0.061	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Sodium	mg/L	03/02/2001	0001	25.6	DI		# 0.12	-
Specific Conductance	umhos/cm	11/18/1998	N001	918			-	-
	umhos/cm	04/02/1999	N001	515			-	-
	umhos/cm	06/09/1999	N001	291			-	-
	umhos/cm	09/23/1999	N001	516			-	-
	umhos/cm	02/29/2000	N001	810			-	-
	umhos/cm	06/08/2000	N001	241			-	-
	umhos/cm	11/27/2000	N001	505			#	-
	umhos/cm	03/02/2001	N001	742			#	-
Strontium	mg/L	11/18/1998	0001	1.29	DI		-	-
	mg/L	04/02/1999	0001	0.66	DI		-	-
	mg/L	06/09/1999	0001	0.43	DI		-	-
	mg/L	09/23/1999	0001	0.89	DI		-	-
	mg/L	02/29/2000	0001	1.14	DI		-	-
	mg/L	06/08/2000	0001	0.4	DI		0.29	-
	mg/L	11/27/2000	0001	0.83	DI		# 0.14	-
	mg/L	03/02/2001	0001	1.01	DI		# 0.28	-
Sulfate	mg/L	11/18/1998	0001	330	DI		0.1	-
	mg/L	04/02/1999	0001	152	DI		0.1	-
	mg/L	06/09/1999	0001	69.5	DI		0.1	-
	mg/L	09/23/1999	0001	163			0.02	-
	mg/L	02/29/2000	0001	293	DI		0.08	-
	mg/L	06/08/2000	0001	64.8	DI		0.02	-
	mg/L	11/27/2000	0001	158	DI		# 0.04	-
	mg/L	03/02/2001	0001	212	DI		# 0.04	-
Temperature	C	11/18/1998	N001	2			-	-
	C	04/02/1999	N001	2.7			-	-
	C	06/09/1999	N001	14.7			-	-
	C	09/23/1999	N001	17.9			-	-
	C	02/29/2000	N001	7.36			-	-
	C	06/08/2000	N001	16.6			-	-
	C	11/27/2000	N001	3.3			#	-
	C	03/02/2001	N001	0.69			#	-
Total Dissolved Solids	mg/L	11/27/2000	0001	374			#	-
Uranium	mg/L	11/18/1998	0001	0.00477			0.0005	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM1  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Uranium	mg/L	04/02/1999	0001	0.0016			0.0005	-
	mg/L	06/09/1999	0001	0.00064			0.0005	-
	mg/L	09/23/1999	0001	0.002			0.0005	-
	mg/L	02/29/2000	0001	0.0043			0.0005	-
	mg/L	06/08/2000	0001	0.00084			0.0005	-
	mg/L	11/27/2000	0001	0.0016			# 0.0005	-
	mg/L	03/02/2001	0001	0.00216			# 0.001	-
Vanadium	mg/L	11/18/1998	0001	0.2	UDI		0.2	-
	mg/L	04/02/1999	0001	0.2	UDI		0.2	-
	mg/L	06/09/1999	0001	0.2	UDI		0.2	-
	mg/L	09/23/1999	0001	0.2	UDI		0.2	-
	mg/L	02/29/2000	0001	0.2	UDI		0.2	-
	mg/L	06/08/2000	0001	0.04	UDI		0.04	-
	mg/L	11/27/2000	0001	0.02	UDI		# 0.02	-
Zinc	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
	mg/L	11/18/1998	0001	0.07	UDI		0.07	-
	mg/L	04/02/1999	0001	0.07	UDI		0.07	-
	mg/L	06/09/1999	0001	0.07	UDI		0.07	-
	mg/L	09/23/1999	0001	0.07	UDI		0.07	-
	mg/L	02/29/2000	0001	0.07	UDI		0.07	-
	mg/L	06/08/2000	0001	0.08	DI		0.041	-
	mg/L	11/27/2000	0001	0.03	DI		# 0.02	-
mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-	

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA

LOCATION: SM1

REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE: DATE	ID	RESULT	QUALIFIERS: LAB DATA QA	DETECTION LIMIT	UN- CERTAINTY
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RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM2  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	11/27/2000	0001	109			#	-	-
	mg/L	03/02/2001	0001	116			#	-	-
Aluminum	mg/L	11/27/2000	0001	0.14	UDI		#	0.14	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Arsenic	mg/L	11/27/2000	0001	0.0006			#	0.0002	-
	mg/L	03/02/2001	0001	0.0006			#	0.0002	-
Barium	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.08	DI		#	0.04	-
Bromide	mg/L	11/27/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	DI		#	0.04	-
Cadmium	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	11/27/2000	0001	31	DI		#	0.1	-
	mg/L	03/02/2001	0001	76.3	DI		#	0.2	-
Chloride	mg/L	11/27/2000	0001	3.96	DI		#	0.01	-
	mg/L	03/02/2001	0001	6.6	DI		#	0.01	-
Chromium	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	11/27/2000	N001	10.7			#	-	-
	mg/L	03/02/2001	N001	15.9			#	-	-
Eh	mV	11/27/2000	N001	440			#	-	-
	mV	03/02/2001	N001	364			#	-	-
Iron	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	11/27/2000	0001	0.1	UDI		#	0.1	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM2  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lithium	mg/L	11/27/2000	0001	0.01	UDI		#	0.01	-
	mg/L	03/02/2001	0001	0.03	DI		#	0.028	-
Magnesium	mg/L	11/27/2000	0001	16.2	DI		#	0.081	-
	mg/L	03/02/2001	0001	24	DI		#	0.16	-
Manganese	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	11/27/2000	0001	0.11	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	11/27/2000	N001	225			#	-	-
	mV	03/02/2001	N001	148			#	-	-
pH	s.u.	11/27/2000	N001	8.55			#	-	-
	s.u.	03/02/2001	N001	8.25			#	-	-
Phosphorus	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	11/27/2000	0001	1.26	DI		#	0.1	-
	mg/L	03/02/2001	0001	1.68	DI		#	0.2	-
Selenium	mg/L	11/27/2000	0001	0.0006			#	0.0003	-
	mg/L	03/02/2001	0001	0.0003	U		#	0.0003	-
Silicon	mg/L	11/27/2000	0001	3.42	DI		#	0.1	-
	mg/L	03/02/2001	0001	2.62	DI	J	#	0.2	-
Sodium	mg/L	11/27/2000	0001	11.9	DI		#	0.061	-
	mg/L	03/02/2001	0001	25.4	DI		#	0.12	-
Specific Conductance	umhos/cm	11/27/2000	N001	380			#	-	-
	umhos/cm	03/02/2001	N001	709			#	-	-
Strontium	mg/L	11/27/2000	0001	0.81	DI		#	0.14	-
	mg/L	03/02/2001	0001	1.02	DI		#	0.28	-
Sulfate	mg/L	11/27/2000	0001	154	DI		#	0.04	-
	mg/L	03/02/2001	0001	173	DI		#	0.04	-
Temperature	C	11/27/2000	N001	3.1			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM2  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Temperature	C	03/02/2001	N001	1.23			# -	-
Total Dissolved Solids	mg/L	11/27/2000	0001	367			# -	-
Uranium	mg/L	11/27/2000	0001	0.0019			# 0.0005	-
	mg/L	03/02/2001	0001	0.00274			# 0.001	-
Vanadium	mg/L	11/27/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	11/27/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM3  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	12/01/2000	0001	107			#	-	-
	mg/L	03/02/2001	0001	117			#	-	-
Aluminum	mg/L	12/01/2000	0001	0.14	UDI		#	0.14	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Arsenic	mg/L	12/01/2000	0001	0.0006			#	0.0002	-
	mg/L	03/02/2001	0001	0.0006			#	0.0002	-
Barium	mg/L	12/01/2000	0001	0.04	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.08	DI		#	0.04	-
Bromide	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	DI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	12/01/2000	0001	69	DI		#	0.1	-
	mg/L	03/02/2001	0001	75.9	DI		#	0.2	-
Chloride	mg/L	12/01/2000	0001	4.6	DI		#	0.01	-
	mg/L	03/02/2001	0001	7.2	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	12/01/2000	N001	11.9			#	-	-
	mg/L	03/02/2001	N001	14.1			#	-	-
Eh	mV	03/02/2001	N001	363			#	-	-
Iron	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	12/01/2000	0001	0.1	UDI		#	0.1	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	12/01/2000	0001	0.01	UDI		#	0.01	-



SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM3  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Lithium	mg/L	03/02/2001	0001	0.03	DI		# 0.028	-
Magnesium	mg/L	12/01/2000	0001	22.1	DI		# 0.081	-
	mg/L	03/02/2001	0001	24	DI		# 0.16	-
Manganese	mg/L	12/01/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Molybdenum	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Nickel	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Nitrate	mg/L	12/01/2000	0001	0.06	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		# 0.02	-
Oxidation Reduction Potent	mV	03/02/2001	N001	147			# -	-
pH	s.u.	12/01/2000	N001	8.33			# -	-
	s.u.	03/02/2001	N001	8.28			# -	-
Phosphorus	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-
Potassium	mg/L	12/01/2000	0001	1.52	DI		# 0.1	-
	mg/L	03/02/2001	0001	1.65	DI		# 0.2	-
Selenium	mg/L	12/01/2000	0001	0.0008			# 0.0003	-
	mg/L	03/02/2001	0001	0.0007			# 0.0003	-
Silicon	mg/L	12/01/2000	0001	3.22	DI		# 0.1	-
	mg/L	03/02/2001	0001	2.64	DI	J	# 0.2	-
Sodium	mg/L	12/01/2000	0001	15.7	DI		# 0.061	-
	mg/L	03/02/2001	0001	25.3	DI		# 0.12	-
Specific Conductance	umhos/cm	12/01/2000	N001	601			# -	-
	umhos/cm	03/02/2001	N001	698			# -	-
Strontium	mg/L	12/01/2000	0001	1.07	DI		# 0.14	-
	mg/L	03/02/2001	0001	1.03	DI		# 0.28	-
Sulfate	mg/L	12/01/2000	0001	200	DI		# 0.08	-
	mg/L	03/02/2001	0001	187	DI		# 0.04	-
Temperature	C	12/01/2000	N001	0.3			# -	-
	C	03/02/2001	N001	1.36			# -	-
Total Dissolved Solids	mg/L	12/01/2000	0001	450			# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM3  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN-CERTAINTY
		DATE	ID		LAB DATA	QA		
Uranium	mg/L	12/01/2000	0001	0.0022			# 0.0005	-
	mg/L	03/02/2001	0001	0.00264			# 0.001	-
Vanadium	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	12/01/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE "R\*" OR data\_validation\_qualifiers LIKE "X\*") OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM4  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Alkalinity as CaCO3	mg/L	12/01/2000	0001	122			#	-	-
	mg/L	03/02/2001	0001	117			#	-	-
Aluminum	mg/L	12/01/2000	0001	0.15	DI		#	0.14	-
	mg/L	03/02/2001	0001	0.28	UDI		#	0.28	-
Arsenic	mg/L	12/01/2000	0001	0.0006			#	0.0002	-
	mg/L	03/02/2001	0001	0.0004			#	0.0002	-
Barium	mg/L	12/01/2000	0001	0.04	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.05	DI		#	0.04	-
Boron	mg/L	12/01/2000	0001	0.03	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.08	DI		#	0.04	-
Bromide	mg/L	12/01/2000	0001	0.04	UDI		#	0.04	-
	mg/L	03/02/2001	0001	0.04	DI		#	0.04	-
Cadmium	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Calcium	mg/L	12/01/2000	0001	66	DI		#	0.1	-
	mg/L	03/02/2001	0001	76.4	DI		#	0.2	-
Chloride	mg/L	12/01/2000	0001	4.6	DI		#	0.01	-
	mg/L	03/02/2001	0001	6.96	DI		#	0.01	-
Chromium	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Cobalt	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Copper	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Dissolved Oxygen	mg/L	12/01/2000	N001	12.2			#	-	-
	mg/L	03/02/2001	N001	14			#	-	-
Eh	mV	03/02/2001	N001	353			#	-	-
Iron	mg/L	12/01/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.03	UDI		#	0.03	-
Lead	mg/L	12/01/2000	0001	0.1	UDI		#	0.1	-
	mg/L	03/02/2001	0001	0.2	UDI		#	0.2	-
Lithium	mg/L	12/01/2000	0001	0.01	UDI		#	0.01	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM4  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Lithium	mg/L	03/02/2001	0001	0.03	DI		# 0.028	-
Magnesium	mg/L	12/01/2000	0001	21.5	DI		# 0.081	-
	mg/L	03/02/2001	0001	24.1	DI		# 0.16	-
Manganese	mg/L	12/01/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Molybdenum	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Nickel	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Nitrate	mg/L	12/01/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		# 0.02	-
Oxidation Reduction Potent	mV	03/02/2001	N001	137			# -	-
pH	s.u.	12/01/2000	N001	8.36			# -	-
	s.u.	03/02/2001	N001	8.34			# -	-
Phosphorus	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-
Potassium	mg/L	12/01/2000	0001	1.48	DI		# 0.1	-
	mg/L	03/02/2001	0001	1.74	DI		# 0.2	-
Selenium	mg/L	12/01/2000	0001	0.0007			# 0.0003	-
	mg/L	03/02/2001	0001	0.0003	U		# 0.0003	-
Silicon	mg/L	12/01/2000	0001	3.17	DI		# 0.1	-
	mg/L	03/02/2001	0001	2.64	DI	J	# 0.2	-
Sodium	mg/L	12/01/2000	0001	15.2	DI		# 0.061	-
	mg/L	03/02/2001	0001	25.5	DI		# 0.12	-
Specific Conductance	umhos/cm	12/01/2000	N001	592			# -	-
	umhos/cm	03/02/2001	N001	730			# -	-
Strontium	mg/L	12/01/2000	0001	1.05	DI		# 0.14	-
	mg/L	03/02/2001	0001	1.03	DI		# 0.28	-
Sulfate	mg/L	12/01/2000	0001	196	DI		# 0.08	-
	mg/L	03/02/2001	0001	187	DI		# 0.04	-
Temperature	C	12/01/2000	N001	0.4			# -	-
	C	03/02/2001	N001	1.84			# -	-
Total Dissolved Solids	mg/L	12/01/2000	0001	447			# -	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM4  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN-CERTAINTY
		DATE	ID		LAB DATA	QA		
Uranium	mg/L	12/01/2000	0001	0.0021			# 0.0005	-
	mg/L	03/02/2001	0001	0.00237			# 0.001	-
Vanadium	mg/L	12/01/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	12/01/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE "R\*" OR data\_validation\_qualifiers LIKE "X\*") OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM9  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Alkalinity as CaCO3	mg/L	11/27/2000	0001	107		#	-	-
	mg/L	03/02/2001	0001	116		#	-	-
Aluminum	mg/L	11/27/2000	0001	0.14	UDI	#	0.14	-
	mg/L	03/02/2001	0001	0.28	UDI	#	0.28	-
Arsenic	mg/L	11/27/2000	0001	0.0007		#	0.0002	-
	mg/L	03/02/2001	0001	0.0005		#	0.0002	-
Barium	mg/L	11/27/2000	0001	0.04	DI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	DI	#	0.04	-
Boron	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.08	DI	#	0.04	-
Bromide	mg/L	11/27/2000	0001	0.04	UDI	#	0.04	-
	mg/L	03/02/2001	0001	0.06	DI	#	0.04	-
Cadmium	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Calcium	mg/L	11/27/2000	0001	38	DI	#	0.1	-
	mg/L	03/02/2001	0001	72	DI	#	0.2	-
Chloride	mg/L	11/27/2000	0001	4	DI	#	0.01	-
	mg/L	03/02/2001	0001	8.1	DI	#	0.01	-
Chromium	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Cobalt	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Copper	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	#	0.04	-
Dissolved Oxygen	mg/L	11/27/2000	N001	10.8		#	-	-
	mg/L	03/02/2001	N001	13.6		#	-	-
Eh	mV	11/27/2000	N001	417		#	-	-
	mV	03/02/2001	N001	371		#	-	-
Iron	mg/L	11/27/2000	0001	0.02	UDI	#	0.02	-
	mg/L	03/02/2001	0001	0.03	UDI	#	0.03	-
Lead	mg/L	11/27/2000	0001	0.1	UDI	#	0.1	-
	mg/L	03/02/2001	0001	0.2	UDI	#	0.2	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM9  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:			DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA	QA		
Lithium	mg/L	11/27/2000	0001	0.01	UDI		#	0.01	-
	mg/L	03/02/2001	0001	0.03	DI		#	0.028	-
Magnesium	mg/L	11/27/2000	0001	16.8	DI		#	0.081	-
	mg/L	03/02/2001	0001	22.6	DI		#	0.16	-
Manganese	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Molybdenum	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nickel	mg/L	03/02/2001	0001	0.04	UDI		#	0.04	-
Nitrate	mg/L	11/27/2000	0001	0.09	DI		#	0.02	-
	mg/L	03/02/2001	0001	0.02	UDI		#	0.02	-
Oxidation Reduction Potent	mV	11/27/2000	N001	203			#	-	-
	mV	03/02/2001	N001	154			#	-	-
pH	s.u.	11/27/2000	N001	8.56			#	-	-
	s.u.	03/02/2001	N001	7.73			#	-	-
Phosphorus	mg/L	11/27/2000	0001	0.02	UDI		#	0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	#	0.04	-
Potassium	mg/L	11/27/2000	0001	1.3	DI		#	0.1	-
	mg/L	03/02/2001	0001	1.55	DI		#	0.2	-
Selenium	mg/L	11/27/2000	0001	0.0009			#	0.0003	-
	mg/L	03/02/2001	0001	0.0003	U		#	0.0003	-
Silicon	mg/L	11/27/2000	0001	3.55	DI		#	0.1	-
	mg/L	03/02/2001	0001	2.76	DI	J	#	0.2	-
Sodium	mg/L	11/27/2000	0001	12.4	DI		#	0.061	-
	mg/L	03/02/2001	0001	24	DI		#	0.12	-
Specific Conductance	umhos/cm	11/27/2000	N001	490			#	-	-
	umhos/cm	03/02/2001	N001	760			#	-	-
Strontium	mg/L	11/27/2000	0001	0.84	DI		#	0.14	-
	mg/L	03/02/2001	0001	0.95	DI		#	0.28	-
Sulfate	mg/L	11/27/2000	0001	159	DI		#	0.04	-
	mg/L	03/02/2001	0001	212	DI		#	0.04	-
Temperature	C	11/27/2000	N001	3.3			#	-	-

SURFACE WATER QUALITY DATA BY LOCATION (USEE102) FOR SITE NAT01, NATURITA  
 LOCATION: SM9  
 REPORT DATE: 8/10/2001 10:26 am

PARAMETER	UNITS	SAMPLE:		RESULT	QUALIFIERS:		DETECTION LIMIT	UN- CERTAINTY
		DATE	ID		LAB	DATA QA		
Temperature	C	03/02/2001	N001	0.56			# -	-
Total Dissolved Solids	mg/L	11/27/2000	0001	374			# -	-
Uranium	mg/L	11/27/2000	0001	0.0015			# 0.0005	-
	mg/L	03/02/2001	0001	0.00202			# 0.001	-
Vanadium	mg/L	11/27/2000	0001	0.02	UDI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI		# 0.04	-
Zinc	mg/L	11/27/2000	0001	0.03	DI		# 0.02	-
	mg/L	03/02/2001	0001	0.04	UDI	J	# 0.04	-

RECORDS: SELECTED FROM USEE102 WHERE site\_code='NAT01' AND location\_code in('0531','0532','0533','0534','0535','0536','0538','0540','0556','0557','0558','0559','0560','0561','0567','SM1','SM2','SM3','SM4','SM5','SM6','SM7','SM8','SM9') AND (NOT (data\_validation\_qualifiers LIKE '\*R\*' OR data\_validation\_qualifiers LIKE '\*X\*') OR IsNull(data\_validation\_qualifiers))

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

- \* Replicate analysis not within control limits.
- + Correlation coefficient for MSA < 0.995.
- A TIC is a suspected aldol-condensation product.
- B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
- E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
- Z Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- H Holding time expired, value suspect.
- I Increased detection limit due to required dilution.
- C Pesticide result confirmed by GC-MS.
- M GFAA duplicate injection precision not met.
- N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
- S Result determined by method of standard addition (MSA).
- U Analytical result below detection limit.
- W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
- D Analyte determined in diluted sample.
- P > 25% difference in detected pesticide or Arochlor concentrations between 2 columns.
- X Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- Y Laboratory defined (USEPA CLP organic) qualifier, see case narrative.
- > Result above upper detection limit.
- J Estimated

DATA QUALIFIERS:

- J Estimated value.
- G Possible grout contamination, pH > 9.
- R Unusable result.
- U Parameter analyzed for but was not detected.
- F Low flow sampling method used.
- L Less than 3 bore volumes purged prior to sampling.
- X Location is undefined.

QA QUALIFIER: # = validated according to Quality Assurance guidelines.