

SPRUCE CREEK - Healthy Beaches Water Quality Data

Date Collected 06/08/05
 Collected By Don Craig
 Rainfall in 24 Hours None
 Rainfall in 24 Hours (inches) None
 Weather
 # Days with Similar Weather
 Water Surface Calm
 Comments
 Tide Station Low

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0652	19.0	L	15.0	29.0	Fish, seals	06/09/05	1320	8
SC-2	0710	19.0	L	15.0	24.0	Fish, seals	06/09/05	1320	7
SC-3	0725	17.5	L	14.0	26.0	Fish, seals, lobster boats	06/09/05	1320	5

Date Collected 06/15/05
 Collected By Team
 Rainfall in 24 Hours Medium
 Rainfall in 24 Hours (inches) 1
 Weather Overcast
 # Days with Similar Weather 2
 Water Surface Slow current
 Comments
 Tide Station High, on its way out

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0630	11.0	H	15.0	27.0	Tide high, on its way out	06/16/05	1439	25
SC-2	0700	9.5	H	12.0	27.0	Drizzle, misty, cold	06/16/05	1439	26
SC-3	0715	10.0	H	12.5	25.0	Herring gulls	06/16/05	1439	15

Date Collected 06/22/05
 Collected By Sue Crotty, Betsy Bischoff
 Rainfall in 24 Hours Medium
 Rainfall in 24 Hours (inches) 0.5
 Weather Rain
 # Days with Similar Weather 0
 Water Surface Rapid current, choppy
 Comments
 Tide Station Low

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0645	18.0	L	25.0	18.0	Very windy	06/23/05	1245	>200
SC-2	0730	16.0	L	16.0	18.0	Torrential rain	06/23/05	1245	>200
SC-3	0745	16.0	L	17.0	16.0	More rain	06/23/05	1245	>200

Date Collected 06/29/05
 Collected By Don Craig
 Rainfall in 24 Hours None
 Rainfall in 24 Hours (inches) 0
 Weather Clear with low fog
 # Days with Similar Weather
 Water Surface Calm
 Comments Kit had no distilled water, used dew on boat. Made best guess.
 Tide Station High (outbound)

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0550	19.5	H EB	16.0	30.0	Heavy fog, no wind, scum on surface	06/30/05	0130	12
SC-2	0614	19.5	H	16.5	29.0	Fog, school of stripers fishing	06/30/05	0130	6
SC-3	0630	20.0	H	16.0	26.0	Haze, light fog, surface calm	06/30/05	0130	5

Date Collected 07/06/05
 Collected By Kate Johnston & Paula Ledgett
 Rainfall in 24 Hours None
 Rainfall in 24 Hours (inches) 0
 Weather
 # Days with Similar Weather 0
 Water Surface Calm
 Comments
 Tide Station Low

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0710	22.0	L	19.5	25.0	Starting to sprinkle, low tide	07/07/05	0315	32
SC-2	0718	21.5	L	19.0	25.0	Birds wading & feeding, seaweed floati	07/07/05	0315	16
SC-3	0725	21.0	L	17.5	26.0	Calm, heavy air	07/07/05	0315	21

Date Collected 07/13/05
 Collected By Betsy Bischoff & Sue Crotty
 Rainfall in 24 Hours None
 Rainfall in 24 Hours (inches) 0
 Weather Overcast
 # Days with Similar Weather 0
 Water Surface
 Comments
 Tide Station

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1							07/13/05	0130	>200
SC-2							07/13/05	0130	>200
SC-3							07/13/05	0130	83

Date Collected 07/19/05

Collected By Don & Merry Craig
Rainfall in 24 Hours None
Rainfall in 24 Hours (inches) 0
Weather
Days with Similar Weather
Water Surface Calm
Comments
Tide Station M

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1							07/20/05	0100	200
SC-2							07/20/05	0100	85
SC-3							07/20/05	0100	200

Date Collected 07/27/05
Collected By Paula Ledgett & Kate Johnston
Rainfall in 24 Hours None
Rainfall in 24 Hours (inches) 0
Weather
Days with Similar Weather 5
Water Surface Calm, slow current
Comments
Tide Station 3/4

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0650	24.5	3/4	17.0	31.0	Calm, slight breeze	07/28/05	1130	32
SC-2	0640	24.5	3/4	17.0	31.0	Ripples in water, tropical breeze/humid	07/28/05	1130	8
SC-3	0633	24.5	3/4	18.0	30.0	Seaweed	07/28/05	1130	33

Date Collected 08/03/05
Collected By Sue Crotty & Betsy Bischoff
Rainfall in 24 Hours None
Rainfall in 24 Hours (inches) 0
Weather Clear
Days with Similar Weather
Water Surface Calm, slow current
Comments
Tide Station Low, in-coming

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0640	20.0	Low	19.0	34.0		08/04/05	0200	41
SC-2	0700	23.0	Low	19.0	34.0		08/04/05	0200	28
SC-3	0725	23.0	Low	19.5	35.0		08/04/05	0200	23

Date Collected 08/10/05
Collected By Don & Merry Craig
Rainfall in 24 Hours None
Rainfall in 24 Hours (inches) 0
Weather
Days with Similar Weather
Water Surface Calm
Comments
Tide Station Low, Medium

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0712	22.0	1/3 Low	17.0	28.0	Clear clam, stripers	08/11/05	1200	201
SC-2	0700	22.0	1/2 Med	18.5	27.0	Calm, surface scum	08/11/05	1200	201
SC-3	0647	22.0	1/2 Med	18.0	30.0	clam, clear, stripers	08/11/05	1200	3

Date Collected 08/24/05
Collected By Betsy Bischoff & Sue Crotty
Rainfall in 24 Hours None
Rainfall in 24 Hours (inches) 0
Weather Overcast
Days with Similar Weather 4+
Water Surface Calm
Comments
Tide Station Mid

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0640	17.0	Mid	17.0	30.0		08/01/35	0150	20
SC-2	0700	18.0	Mid	16.5	29.0		08/01/35	0150	52
SC-3	0730	18.0	Mid	17.0	30.0		08/01/35	0150	85

Date Collected 08/31/05
Collected By Don & Merry Craig
Rainfall in 24 Hours Yes
Rainfall in 24 Hours (inches) .21
Weather Heavy fog
Days with Similar Weather 2
Water Surface Calm
Comments Hurricane Katrina coming, Flooding, Fog Heavy
Tide Station Mid

Site #	Time	Air Temp (oC)	Tide Stage	Water Temp (oC)	Salinity 0/00	Observations / Pollution Source	Date of Analysis	Time of Analysis	Enterococci (CFUs/100mL)
SC-1	0705	19.0	Mid	16.0	34.0				
SC-2	0650	20.0	Mid	17.0	32.0				
SC-3	0640	21.0	Mid	19.0	32.0	Heavy Fog, Hurricane Katrina coming, Flooding			

Italics = data added after (from other sites' observations or other source)