DEMP 98-1 98006 105034

98006grb

VIDEO + CAMERA / GRAB OPERATIONS AND PROCESSING LOG

SHIP: RV JOHN DEMPSEY

CRUISE: JD98-1 (98006)

AREA: LONG ISLAND SOUND

DATES: March 7, 1998

PROJECT: NEW HAVEN DUMPING GROUNDS

CHIEF SCIENTIST: LARRY POPPE

Initial camera distance off bottom 15"

NHDS = NHDG

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 1 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: 10 Sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-8	66	0836		0843	00:00	

3/7/98

Depth, m	Depth, m	Depth, m
24.4		

Air Temp 5.5°C
Salinity 26‰

VIDEO LOCATION:
Start Lat. N 41° 07.8314' Long. W 72° 53.2057'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 07.8789' Long. W 72° 53.1660

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ TOC Organics: ✓ Biology: ___

SAMPLING COMMENTS: 0-1' Seas Cloudy Wind Speed ~5kts parallel ~~[illegible]~~ current

DESCRIPTION OF BOTTOM: soft Depression when crabs fed Muddy scattered shell fragments, faint ripples shrimp burrows crabs & tracks anemones bioturbated undulating crab? lobster burrow (skate) fish, faint ripples hydroxonic

STILL PHOTOS: Roll No. 1 Film Type Print ✓ Royal Gold 400

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1	1			41 07.8400'	72° 53 2030	
2	2			41 07 8314'	72° 53 1979	
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 1 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop m/s
NHDS-25	66	0854	0901	0901		1602

Depth, m	Depth, m	Depth, m
25.2		

Salinity 26‰

VIDEO LOCATION:
Start Lat. N 41° 07.8525' Long. W 72° 52.0929'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 07.9083' Long. W 72° 52.0479'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

Faint ripple parallel to current

Depression when crabs fed

DESCRIPTION OF BOTTOM: Crabs (cancer), anemones, hydrozoans, crab tracks, Muddy hydrozoans, trace of shells (nuclear), shrimp burrows, flounder & juvenile, other fish, lobster (crab?) burrow, faint ripple, bioturbation (unpolished) | Shells blown in current

STILL PHOTOS: Roll No. 1 leaved Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1	1			41°07.8609'	72°52.0856'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 1 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop m s
NHDS-24	66					2320

Depth, m	Depth, m	Depth, m
24.5		

VIDEO LOCATION:
Start Lat. N 41° 08.2367' Long. W 72° 51.4858'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.2909' Long. W 72° 51.4309'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: depth change N. 2-4m

DESCRIPTION OF BOTTOM: (CANCEL) Crab Muddy anemonies faint
parallel to current undulating
ripples bioturbated (scattered trace nuclear shells & patchy
shrimp burrows lobster (crab?) burrows hydrocoans flounder (juvenile)
excavated nuclear

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.2850'	72°51.4364'	
2						
3						
4						
5						
6						
7						
8						

ripples are 5-25cm long, 2 cm wide, 3-8cm apart

STATION LOG Start date 3/6/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 1 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-23						26:14

Depth, m	Depth, m	Depth, m
22.7		

VIDEO LOCATION:
Start Lat. N 41° 08.7118' Long. W 72° 52.0233'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.7272 Long. W 72° 52.0044'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: Muddy faintly rippled (parallel to current) anemones crabs (cancer) trace/scattered shells hydroids shrimp burrows sandier (scale doesn't sink in as much

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.7259'	72°52.0058'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-22	6.6	0937		0939		32:27

3/7/98

Depth, m	Depth, m	Depth, m
22.8		

VIDEO LOCATION:
Start Lat. N 41° 08.7210' Long. W 72° 51.7189'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.7558 Long. W 72° 51.6721'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: NAV down briefly

DESCRIPTION OF BOTTOM: soft Muddy scattered - abundant ~~trace~~ shells (Nuclei) flounder anemones parallel to current faint ripples shrimp & lobster BURROWS hydrozoans depth change ~.5m amphiboda worm tube

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41 08.7418'	72 51.6832	
2						
3						
4						
5						
6						
7						
8						

furrows by bioturbation

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 1 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL:

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-21	66	0946		0950		3720

Depth, m	Depth, m	Depth, m
21.7		

VIDEO LOCATION:
Start Lat. N 41° 08.9071' Long. W 72° 52.0482'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.9371' Long. W 72° 52.0080'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology:

SAMPLING COMMENTS:

DESCRIPTION OF BOTTOM: Muddy faint ripples (current sweep appearance) parallel to current shrimp burrows (+ clam) depth changes (<.5m) seaweed lobster burrow crab tracks (cancer) crab a few anemones shelly patches amphipods tubes current sweep appearance undulating bioturbation

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.9334	72°52.0130'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 1 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-20	.	0958		10:03		4306

Depth, m	Depth, m	Depth, m
20.7		

VIDEO LOCATION:
Start Lat. N 41° 09.3756' Long. W 72° 51.4144'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09 4072 Long. W 72° 51.3684'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy scattered shells (nuclear) welk, faint (parallel + curved) ripples lobster burrow anemones hydrozoans shrimp burrows crab (cancer) crab tracks undulating bioturbated seaweed

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09.4066	72°51 3692	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 1 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-19	66	1011		10:16		

Depth, m	Depth, m	Depth, m
20.8		

VIDEO LOCATION:
Start Lat. N 41° 09 2391 Long. W 72° 5151.8800'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.2741' Long. W 72° 51.8246'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: soft dark olive gray) Muddy (5Y3/2) (parrallel to current) faint ripples
shrimp burrows anemones hydrozoans lobster burrow
shelly patches current swept (feature parrallel to current) ! ! !

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09 2731'	72°51.8262'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-18	66	1025		1027		5151

3/7/98

Depth, m	Depth, m	Depth, m
20.1		

VIDEO LOCATION:
Start Lat. N 41° 09.2044' Long. W 72° 52.6998'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09 2178' Long. W 72° 52.6718'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: SAND Muddy lots of worm burrows) undulating bioturbated. trace shell fragment crab (cancer) SPOILS No ripples parallel to the current

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-17	66	1034	1036			53:46

Depth, m	Depth, m	Depth, m
20.8		

VIDEO LOCATION:
Start Lat. N 41° 09.6074' Long. W 72° 52.5919
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.6155' Long. W 72° 52.5771'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: soft Muddy scattered shell anemones
faint current ripples hydrozoans crab (cancer)
parallel to current
shrimp burrows lobster burrow

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41° 09.6111	72° 52.5842'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. _____ **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-16		1043		1046		5649

Depth, m	Depth, m	Depth, m
17.2		

VIDEO LOCATION:
Start Lat. N 41° 09.6367' Long. W 72° 53.4768'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.6556' Long. W 72° 53.4108' 4103

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sandy Muddy burrows anemones shrimp burrows
wire, hydroids crabs amphipods spoil
flow ripples parallel to current rubble

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09.6467'	72°53.4220'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/9/98 (JD = 66)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 1 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL:

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-15	66	1053		1054		5904

Depth, m	Depth, m	Depth, m
18.5		

VIDEO LOCATION:
Start Lat. N 41° 09.4015' Long. W 72° 53 0739'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.4079' Long. W 72° 53 0560'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Last station on Tape 1

DESCRIPTION OF BOTTOM: Soft Muddy crab tracks shrimp burrows anemonies lobster burrow crab (cancer) hydromonas

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09.4071'	72°53 0575'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-14	66					0141

Depth, m	Depth, m	Depth, m
19.0		

VIDEO LOCATION:
Start Lat. N 41° 09.0713' Long. W 72° 53 ~~1864~~ 1864
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.0765' Long. W 72° 53.1718

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoils 1st station on Tape 2

DESCRIPTION OF BOTTOM: Soft Muddy shrimp burrows, faint current rills or ripple hydrozoans crab (cancer) scattered / Trace of shell patchy

STILL PHOTOS: Roll No. ____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-13	66	1111	1112	1113		0351

Depth, m	Depth, m	Depth, m
19.8		

VIDEO LOCATION:
Start Lat. N 41° 09 0634' Long. W 72° 52.9807'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.0757' Long. W 72° 52.9618'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: soft muddy, (patchy nucleus scattered shell), shrimp burrows anemonies, crab tracks (canon), faint rills or ripples parallel to current lobster burrow

STILL PHOTOS: Roll No. _____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41° 09 0674	72° 52.9742	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS 12	66	1119		1121		0556

Depth, m	Depth, m	Depth, m
21.5		

VIDEO LOCATION:
Start Lat. N 41° 08.7012' Long. W 72° 52.7062
End Lat. N 41° 08 Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.7093' Long. W 72° 52.6897'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoils

DESCRIPTION OF BOTTOM: Sandy / muddy } crab tracks, anemones, trace shells, crab (cancer), scattered patches of shells, faint ripples, parallel to current

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.7083'	72°52.6908	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-11	66	1128	1129			0727

Depth, m	Depth, m	Depth, m
20.8		

VIDEO LOCATION:
Start Lat. N 41° 08.5895' Long. W 72° 53.1246'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.5989' Long. W 72° 53.1151

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoils

DESCRIPTION OF BOTTOM: Muddy Big burrows Lobster abundant crabs (cancer) wire (seaweed covered), crab tracks, spoils, snails

STILL PHOTOS: Roll No. 1 Film Type Print

Picture not logged

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-10	66	1138	1140	1140		0941

Depth, m	Depth, m	Depth, m
21.2		

VIDEO LOCATION:
Start Lat. N 41° 08.5081' Long. W 72° 53.4772'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.5228 Long. W 72° 53.4577'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: soft muddy faint current swept appearance crab canon, lobster burrow undulating bioturbated crab tracks shrimp burrow scattered patch worm tubes anomomies hydroloan trace shells

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.5115'	72°53.4715'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 2 **STUDY AREA:** Long Island Sound
(8 mm ✓ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NWD59	66	1146		1147		1124

Depth, m	Depth, m	Depth, m
22.2		

VIDEO LOCATION:
Start Lat. N 41° 08.2511' Long. W 72° 53.1997
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.2587' Long. W 72° 53.1878

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoils

DESCRIPTION OF BOTTOM: Sandy Muddy Gravelly
Crab burrow shrimp burrows
bioturbated undulating

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°08.2587'	72°53.1878'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ____)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 2 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NNDS-7	66	1157		1158	1124	

Depth, m	Depth, m	Depth, m
22.4		

VIDEO LOCATION:
Start Lat. N 41° 07.9272' Long. W 72° 54.2838'
End Lat. N 41° 07 Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 07.9353' Long. W 72° 54.2721'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: muddy

DESCRIPTION OF BOTTOM: Muddy crab (cancer) shrimp burrow crab tracks, anemones, fish bioturbated/undulating

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°07.9326'	72°54.2768'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD = 66)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 2 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-6	66	1251	1252		1313	1536

Depth, m	Depth, m	Depth, m
19.1		

VIDEO LOCATION:
Start Lat. N 41° 08.5807' Long. W 72° 53.8729'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.5891' Long. W 72° 53.8651'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoil

DESCRIPTION OF BOTTOM: Muddy Sand - flounder hydrozoans flat fish (crab) seaweed
H_2S odor

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-5	66	1300	1302	1302		1738

Depth, m	Depth, m	Depth, m
20.2		

VIDEO LOCATION:
Start Lat. N 41° 08.6748′ Long. W 72° 54.3383′
End Lat. N 41° Long. W 72° 54 3

SAMPLE LOCATION:
Lat. N 41° 08.6389′ Long. W 72° 54.3347′

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: muddy

DESCRIPTION OF BOTTOM: muddy shrimp burrows
crab tracks shelly patches undulating bottom
worm tubes

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-4	66	1309		1310		

Depth, m	Depth, m	Depth, m
20.1		

VIDEO LOCATION:
Start Lat. N 41° 08.8297' Long. W 72° 54.0120
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 08.8357' Long. W 72° 54.0116

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ____

SAMPLING COMMENTS: muddy

DESCRIPTION OF BOTTOM: muddy crab, anemonics shrimp burrows flat tram shells (cancer)

STILL PHOTOS: Roll No.) Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1	1			41°08.8305'	72°54.0121	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = ✓)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-3	66				1929	

Depth, m	Depth, m	Depth, m
19.5		

VIDEO LOCATION:
Start Lat. N 41° 09.2878' Long. W 72° 53.6883'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.2978' Long. W 72° 53.6863'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Spoils

DESCRIPTION OF BOTTOM: Muddy Sand undulating/bioturbated hydrozoa lobster in burrows, shells, seaweed snail tracks

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/9/98 (JD = 66)

CRUISE: JD98-1 (98006) **SHIP:** RV JOHN DEMPSEY

VIDEO TAPE NO. 2 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NWDS-2	66	1325		1326		2336

Depth, m	Depth, m	Depth, m
18.2		

VIDEO LOCATION:
Start Lat. N 41° 09.3723' Long. W 72° 53.9096'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.3723' Long. W 72° 53.9073'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics: ✓ Biology: ___

SAMPLING COMMENTS: Sparb

DESCRIPTION OF BOTTOM: Sandy Mud } crab (brown), undulating bioturbated bottom, crab tracks, trace of shell, clam burrows, worm tubes, shrimp burrows, snail trails

STILL PHOTOS: Roll No. ____ Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09.3719'	72°53.9075'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date 3/7/98 (JD =)

CRUISE: JD98-1 (98006) SHIP: RV JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm X)

PROJECT: New Haven Dumping Grounds

DGPS NAV FIX UPDATE INTERVAL: ____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
NHDS-1	66	1333		1334		2528

LAST DUMPING GROUNDS SAMPLE

Depth, m	Depth, m	Depth, m
18.0		

VIDEO LOCATION:
Start Lat. N 41° 09.5874' Long. W 72° 54.0923'
End Lat. N 41° Long. W 72°

SAMPLE LOCATION:
Lat. N 41° 09.5924' Long. W 72° 54.0919

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics: ✓ Biology: ___

SAMPLING COMMENTS: ____

DESCRIPTION OF BOTTOM: SOFT Muddy, CRAB tracks, undulating Bioturbated bottom, CRAB (CANCER) anemonium clam burrow snail tracks (?) shrimp burrow

STILL PHOTOS: Roll No. 1 Film Type Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°09.5915'	72°54.0919'	
2						
3						
4						
5						
6						
7						
8						