

Holly Pond Sedimentation Study
 CH2M HILL Document Library
 December 2009

Documents

#	Type	Received/ Printed	Key Words	Title/Subject	Source
1	Report	January 1993	Sedimentation, erosion, Graphics	"Holly Pond Sedimentation Study". Provides field notes of sedimentation and erosion. Catch basin Descriptions in Stamford and Darien. Page 107 and 108 show graphics of deposition and erosion along Noroton from pre-1993	US Dept of Agriculture Soil Conservation Service
2	Report	1998	Water quality, bacteria	Report on survey samples taken from Westcott Cove and Cove Harbor in 1998, bacteriological quality of water coming from various drainage sites entering the Westcott Cove and Cove Harbor recreational shell fishing areas.	
3	Draft Strategy	10/8/2004	Pre-Disaster	Pre-Disaster Mitigation Strategy Document: Draft	South Western Regional Planning Agency
4	Newsletter	November 2006	Cove Island, back ground	COVE ISLAND PARK WILDLIFE SANCTUARY CREATED IN HONOR OF FORMER STATE SPEAKER OF THE HOUSE, MOIRA LYONS	Office of the Mayor
5	Report	Mar-95	Pollution	Nonpoint source pollutant trading study: Rippowam and Noroton River watersheds, Connecticut	CH2M HILL and City of Stamford
6	Permit	Document does not have date	Stormwater	NPDES PERMIT issued to City of Stamford Municipal Separate Storm Sewer System	City of Stamford
7	Report	Dec-05	Stormwater	Stamford Water Pollution Control Authority: Stormwater Management Plan	City of Stamford
8	Report	Jun-07	Stormwater	Stormwater Management Ordinance: Draft	City of Stamford
9	Newsletter	No date.	Climate Change	Connecticut: Confronting Climate Change in the U.S. Northeast	Union of Concerned Scientists
10	Report	Nov-05	Pollution	Connecticut Nonpoint Source Management Program: 2004 Annual Report	CTDEP

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11	List	2006	Pollution	2006 Impaired Waters List	CTDEP
12	Report	No date.	Stormwater	Chapter 2: Why Stormwater Matters: The Impacts of Urbanization	CTDEP
13	Report	No date.	Regulations	Connecticut regulations for Inland Waters and Marine District Defined	CTDEP
14	Article	1/13/2008	Dredging	A War of the States Over Dredging Rules	New York Times
15	Map and articles	2002	Habitat	Restoring Long Island Sound's Habitats	
16	Permit	1993	Dredging	CTDEP Holly Pond dredging permit	CTDEP
17	Estimate	2-Aug-05	Dredging	2002-08-05 engineer cost estimate for dredging.pdf	Rocco D'Andrea, Inc.
18	Email	2004	Dredging	Stakeholder letter with suggested dredging methods	
19	Email	12/6/2005	Shoal	Holly Pond shoal update on size increase	Ron Rozsa, Office of Long Island Sound Program
20	Meeting Minutes	12/8/2005	Holly Pond project status	Meeting Minutes Re: Status of Holly Pond Project and Arm Corp involvement for restoration	
21	Series of emails	2005	Holly Pond project status	Series of emails discussing Stamford project scope development	
22	Series of emails	2005	Holly Pond project status	Another series of emails discussing Stamford project scope development	

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23	Email	1/10/200	Holly Pond project status	2006-01-10 Rep Leone email on USACE participation.pdf	Rep Leone
24	Email	1/31/2006	Holly Pond project status	2006-01-31 Rep Leone email on background and status.pdf	Rep Leone
25	Letter	6/28/2008	Dredging	CTDEP dredging needs letter to Stamford	Connecticut Maritime Commission
26	Meeting Minutes	7/25/2007	Holly Pond project status	Holly Pond project status meeting	
27	Email	8/6/2007	Dredging sedimentation shoal	Ron Rozsa, CTDEP, email on proposed dredging strategy	CTDEP
28	Letter	8/7/2008	Dredging	Apex dredging solicitation letter to Stamford mayor.pdf	Apex Companies, Inc.
29	Email	8/7/2008	References	Dave Emerson, City of Stamford, emailed that he is custodian for various Holly Pond studies	Dave Emerson, City of Stamford. References Ocean and Coastal Consultants report that we may want regarding bathymetry chart of 1984 and 1985 Environmental Review Team report.
30	Plans	2007	Tide Gate Structure	Holly Pond Dam plug plans for USACE permit	Permit for Oceans and Coastal Consulting, Inc.
31	Notes	2007	Holly Pond project status	Outline of Holly Pond activities thus far	Jeanette Brown, City of Stamford
32	Notes	No date.	Dredging Holly Pond project status	Dredging scope and associated costs	No source cited.
33	Letters	Numerous dates	Holly Pond project status	Holly Pond and dam background of conditions, engineering, permits	Numerous from Stamford, Darien, CTDEP
34	Notes	No date.	Holly Pond project status	Schedule Estimate for design and construction	No source cited.

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35	Notes	No date.	Shoal	Shoal investigation and engineering scope development with data	Notes that shoal was last surveyed in 1991.
36	Meeting Minutes	6/3/2004	Holly Pond project status	Transportation Technical Advisory Group: Summary of Holly Pond restoration thus far	Stamford, Darien, CTDOT were present
37	Excel file	No date.	Holly Pond project status	"0035-0179" with PE EST of 90k for Tidal wetland restoration of Holly Pond by removing sedimentation and installing sediment traps	No source cited.
38	Report	No date.	Holly Pond project status	Transportation Improvement Program: Detailed Report Re: Holly Pond	No source cited.
39	Internet document	12/17/2007	Stream	Local USGS station	USGS
40	Google Earth file	May-08	Site Map	Google Earth file for Holly Pond study site	Google Earth
41	Map	No date.	Site Map, Permit, Shoal	Site Map showing 1.2 acre 1995 permitted project.	No source cited.
42	Notes	No date.	Shoal, Holly Pond Project Status	Holly Pond Shoaling- Proposed Strategy	No source cited.
43	Newspaper Article	13-Jul-07	Dam	Darien's Holly Pond: Finally gets dam repair	The Darien Times
44	Summary Report	No date.	Wetland Restoration, Holly Pond Project Status	Project History Summary: Holly Pond Wetland Restoration	CTDEP
45	Background Notes	No date.	Background	"Background"- Refers to Cove Pond and Dam history	No source cited. References 1985 Environmental Review Team (ERT) report and Harris 1973 report
46	Draft Scope	6/22/2005	Holly Pond Scope, dredging, past work	Holly Pond Dredging: Draft Scope for preliminary Engineering Phase (PE)	Robert Rakowski (Bob). Attached in email to Gregory Dorosh, June 22.
47	email	1/30/2006	Holly Pond project status	# 87, pg 2. Ron Rozsa, CTDEP, refers to Stamford hiring Charley Yarisich "several years ago to study the pond and he concluded it was healthy).	

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48	Report of Dec. 8, 2005 meeting	12/8/2005	Holly Pond project status	#86. Among other things, DEP stated that HP sediments taken 10-12 yrs ago were no longer valid- leach testing were questionably high. Dredging on Darien side of pond could be a problem b/c of integrity of existing wall.	Meeting
49	Scope	12/6/2005	Holly Pond Scope	2005 size of shoal=9.2 acres (1995 dredging plan=1.2 acres). Low demand for estuarine sediments for upland uses. 18 million \$ estimate	Ron Rozsa
50	Map	June 2001	Map Holly Pond: Wells, Reservoirs, NDDB	Map of Environmental Resources: Holly Pond, Darien	CTDOT
51	Scope	November 1999	Holly Pond Scope	Scope	Land-Tech Consultants
52	Maps	6/16/1905	Holly Pond Survey Maps for Proposed Dredged area.	Pond Dredging: Noroton River (Holly Pond)	Rocco D'Andrea, Inc
53	Memo	3/20/1995	Natural Resources	CTDEP-NRC identified the Darien site of Holly Pond as a significant overwintering area for waterfowl	Nancy Murry, Environmental Analyst III
54	Letter	3/2/1995	Native American Archaeological sites	Holly Pond dredging proposed in 1995 possessed moderate to high sensitivity for Native American Archaeological sites.	Dawn Maddox, Deputy State
55	Geological Map	6/12/1905	Geological Map	Generalized Geologic Map of Connecticut indicates watershed bedrock is *likely* schist and gneiss (includes granite gneiss) of the Hartland and Gneiss dome belts, Connecticut Valley Synclinorium. DEP does not have any detailed watershed maps available.	CTDEP: The Connecticut Geological & Natural History Survey
56	Results	5/25/1995	Contamination, sediment cores, dredging	Analytical Results: Holly Pond Sampling Project	Land Tech Remedial, Inc.
57	Permit	8/7/1995	Dredging Permit	Permit for Holly Pond in Noroton River off property located at Weed Avenue and East Main St.	CTDEP
58	Permit Application	10/4/1994	Permit Application, Dredging	Limited Permit Application	Rocco D'Andrea, Inc.

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59	Environmental Protection Application	5/11/2007	Tide Gate Structure, history of tide gate	Darien's Holly Pond Tide Gate Repair Environmental Projection Commission Application. Provides history of dam.	Darren Oustafine, PE. Darien Assistant Director of Public Works.
60	Report	December 2006	Tide Gate, Suggested Repairs	Proposed repairs for Tide gate	Town of Darien Department of Public Works,
61	Letter	12/25/2000	Tide Gate dimensions	Inspection of tide gate in 2000-gives dimensions and condition of dam	Ronald Haestad, Inc. to Town of Darien-Dept. of Public Works
62	Letter	7/19/2004	Alternatives and comments of Holly Pond/Noroton River project	Friends of Goodwives River's recommendations of alternatives and comments on Holly Pond	Richard Windels, Friends of Goodwives River to Ed Gentile (Stamford)
63	Grant Agreement	2/22/2005	Open Space Improvement plans	Open Space Grant Agreement: Cove Island CSAP2005-01	Stamford, Daniel Malloy, Mayor
64	reports, data		tidal fluctuation data	Stamford Darien New Canaan	
65	data	USGS	Stream flow data	Noroton	
66	Data	received: 2/25/2009	Precipitation	Precipitation Data from July 2008 through February 2009.	Data is collected daily from Stamford Treatment Plant. Matt Holko/ SWPCA (MHolko@ci.stamford.ct.us) emailed last round on 2/25/09 to Lindsay Olinde/AUS. Plant's laboratory director Marie Sabo (MSabo@ci.stamford.ct.us) directed Lindsay Olinde to contact Matt for this data.

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67	reports, data	received 12/12/08	Flood study	1993 Flood study	Prakash Chakravarti said he uploaded to FTP on 12/11/09.
68	reports, data		CTDOT road management data for road sands		CTDOT
69	reports		Holly Pond Dam Report to provide structural details of dam		Stamford
70	Model files	11/25/2008	flood study, HEC-2 files	HEC-2 analysis files	Prakash Chakravarti emailed these to Lindsay & Erin 11/25/08
71	Report	received: 2/2/2009	Dredging, Holly Pond	"Holly Pond Dredging Draft Scope for Preliminary Engineering Phase" Draft scope of the Preliminary Engineering phase for dredging. Contains maps and refers to 1991 survey. Contaminants tested. Precludes with Rozsa email	Unknown author
72	Report	received: 2/2/2009	Holly Pond, pond bathymetry maps, sediment size distribution, water quality, dam sketches	"Study of cove pond and Dam, Stamford- Darien, Connecticut". Purpose was to study odor sources- solution was to remove pollution and increase tidal flow through dam	Harris Engineering 1973 (Erin obtained from Stamford at 12/16/09 visit)
73	Report	received: 3/6/2009	Historic Sedimentation, erosion, aquatic vegetation, fisheries	1985 King's Mark Environmental Review Team Report: Holly Pond, Stamford and Darien, CT	King's Mark Consulting Company. File from Prakash Chakravarti (SWPCA) from Dave Emerson's 3rd drawer files (SWPCA), originally referenced by Dave Emerson (8/7/07). As of 1985, no serious erosion problems identified by ERT.

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74	Report	received: 3/6/2009	Holly Pond sediment analyses	1984 Holly Pond Sediment Analyses, Stamford's Environmental Protection Board	Ken Buckland (Stamford's Environmental Protection Board).
75	Report	received: 3/6/2009	Environmental monitoring	1986 Semi-Annual Report for Holly Pond Environmental Monitoring Program	Charles Yarish (Professor of Univ. Connect.) and Priscilla Baillie (ecologist consultant). Report on 6 months of Noroton River estuary monitoring.
76	Report	received: 3/6/2009	algae, pH, oxygen, temperature	1986-1987 Holly Pond/Noroton River Estuary Environmental Monitoring Data	Charles Yarish and Priscilla Baillie. In 1989 report by these authors.
77	Report	received: 3/6/2009	management recommendations, algae, pH, oxygen, temperature, salinity, suspended sediments, trace elements, anoxia patterns	1989 Ecological Study of an impounded Estuary Holly Pond, CT. Prepared for Stamford's Environmental Protection Board.	Charles Yarish (Professor of Univ. Connect.) and Priscilla Baillie (ecologist consultant). Report on 6 months of Noroton River estuary monitoring.
78	Letter	received: 3/6/2009	Waterfowl, Holly Pond	1983-1989 Bird Survey. <u>Ecologist notes decrease in Holly Pond as a food source for waterfowl</u>	Tom Baptist, Conservation Coordinator for Greenwich, CT
79	Analytical Results	received: 3/6/2009	Water samples	1992 Analytical Results for Water Samples in several Stamford Stormdrains	Stamford Health Department.
80	Letter	received: 3/6/2009	dredging	1994 Public Notice for dredging by Army Corp of Engineers	Army COE
81	Letter	received: 3/6/2009	dredging, permit	1995 Various letters regarding the status of the permit for Holly Pond Dredging	CT EPA, Town of Darien, and others
82	Letter	received: 3/6/2009	-	1993-2004 Various Letters regarding Holly Pond	CT EPA, Town of Darien, City of Stamford, and others

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83	Letter	received: 3/6/2009	Restoration	2004 Various Letters regarding Holly Pond Restoration	CT DOT, City of Stamford, and others
84	Letter, email	received: 3/6/2009	Restoration	1993-2007 Various letters and drafts of emails and strategies for Holly Pond Restoration	CT Dept of Ag Soil Conservation Service, Stamford, and others
85	Letter, email	received: 3/6/2009	Restoration, strategies	1993-? Various letters and drafts of emails and strategies for Holly Pond Restoration	Stamford and others
86	Letter	received: 3/6/2009	Restoration	Various Letters and data related to Holly Pond Restoration	Stamford and others
87	Letter	received: 3/6/2009	Vegetation, Fauna	Natural Resources Inventory in Holly Pond Reserve, Darien, CT, 1979	Donna Cohen, Connecticut Chapter of the Nature Conservancy
88	Letter	received: 3/6/2009	Dredging, background	1986-1992 Articles and Letters related to Holly Pond. Includes some volume estimates for dredge permit.	Stamford and others
89	Letter	received: 3/6/2009	sediment characteristics- heavy metals, grain size	1984 Summary Report of Sediment Analysis Holly Pond	Jinnuque Rho, Biology Dept, University of Bridgeport, CT
90	Letter	received: 3/6/2009	sediment characteristics- heavy metals, grain size	1984 Memo of Sediment Analysis Holly Pond	Ken Buckland (Stamford's Environmental Protection Board).
91	Letter	received: 3/6/2009	water quality	1992 Water Quality Data in Holly Pond	Unknown author
92	Images	received: 12/15/2008	Topography	Historic topography maps of Holly Pond, Noroton River around Lenox Ave. Dates range from 1935-1975	Stamford
93	Plans	received: 8/1/2009	Holly Pond	Holly Pond Dam Plans	Stamford, placed on FTP site

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94	Images	-	Aerial photography	-	-
95	Plans	-	Stamford Utilities	-	-
96	Plans	-	River Cross Sections	Historic river cross sections.	-
97	GIS files	2008-2009	GIS files	Various GIS files. See this memo for details of what we have.	Stamford (Cindy Barber/Stamford), Darien (Nancy Sarnier), New Canaan (via Cindy Barber/Stamford)