Stone Harbor Maintenance Dredging

Stone Harbor, NJ

Weather
High 42 Low 35
Precipitation 0.00

Reports No. 133

Project No. 1145

Report Date: 03/23/17

Day of Week: Thursday

Weather Conditions: Windy

Daily Progress Report

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1 Loading a scow with dredge material with the Sennebogen in Sanctuary Bay

2 Removing material from Sanctuary Bay with the Sennebogen Dredge

3 Dredging a residential slip with the PC 400

4 Pushing an empty scow to the dredge

5 Offloading a scow at the 81st Street pad

6 Loading out a truck with ammended dredge material

Work Performed by Sevenson

- Continued communication with residents regarding residential slip dredging
- Continued staging blended dredge material in anticipation of disposal
- Continued noise level monitoring activities
- Continued dust monitoring activities
- Continued load out of amended dredge material to Kinsley Landfill
- Sennebogen continued dredging in Sanctuary Bay
- PC-400 dredged (3) residential properties in Sanctuary Bay

- Sennebogen removed 1,036CY from Sanctuary Bay
- PC-400 removed 432 cys from residential properties in Sanctuary Bay

- Disposed of 1,220 tons to Kinsley Landfill from Sanctuary Bay

Work Performed by Subcontractors

Equipment/Materials Delivered to Site

- FOR A LIST OF EQUIPMENT RECEIVED TODAY PLEASE SEE PAGE 3

Weekly Summary

Date		Dredge QTY (CY)	Disposal QTY (Tns)
03/20/17	Mon	1,719	1,700
03/21/17	Tue	2,076	1,439
03/22/17	Wed	1,663	1,770
03/23/17	Thu	1,468	1,220
03/24/17	Fri	--	--
03/25/17	Sat	--	--
03/26/17	Sun	--	--
Weekly Totals		**6,926 CY**	**6,129 Tns**

Safety Remarks

- No accidents or incidents observed or reported.
- Conducted daily safety meeting: Personal Floatation Device

Remarks/Verbal Directives

- COWI/Borough of Stone Harbor informed SES that the Paradise Bay survey was accepted

Planned Activities

- Continue communication with residents about residential slip dredging
- Complete dredging in Sanctuary Bay
- Continue dredging residential properties in Sanctuary Bay

Other Information

Production Tables

Disposal	Kinsley	Cape Mining	Stags Leap	Other	Other	Total	Unit
Today	1,220	0	0			1,220	Tons
Previous	26,260	71,313	19,499			117,072	Tons
Total	27,480	71,313	19,499			118,292	Tons

Dredging	Available Pay (CY)	Quantity Data Source	Dredged Today (CY)	Dredged To Date (CY)	% Complete
South Basin	4,862	2016 AD Survey	0	3,385	100%
Snug Harbor	9,445	2016 AD Survey	0	6,153	100%
Shelter Haven Entrance	1,834	2016 AD Survey	0	1,303	100%
Stone Harbor	4,878	2016 AD Survey	0	3662	100%
Pleasure Bay	10,184	Contract Bid Sheet	0	9711	100%
Carnival Bay	15,874	Contract Bid Sheet	0	13606	100%
Sanctuary Bay	16,391	Contract Bid Sheet	1036	13791	84%
Paradise Bay	10,517	Contract Bid Sheet	0	10443	99%
Access Channel	20,875	Contract Bid Sheet	0	18214	100%
Stone Harbor Hole	0	Contract Bid Sheet	0	0	0%
Tuxedo Cove	2,552	2016 AD Survey	0	2194	100%
Residential Dredging	5,340	2016 BD Survey	432	6689	125%
*** Fire Boat Slip	188	Fire Boat AD Survey	0	262	139%
TOTALS	**102,940**		**1,468**	**89,413**	**92%**

** Volumes include Required and Allowable Pay Overdepth* ***100% Complete when approved by Owner*

*** Change Order

Sevenson Equipment List

SES Equipment #	Make/Model	Description	Date Onsite	Hrs	Qty
Heavy Equipment					
773-13	Cat 336E Ex	Cat Excavator	11/2/2016		1
1848-13	Komatsu PC 350 Ex	PC 350 Excavator	9/20/2016		1
1146-14	Komatsu PC 400 LF	PC 400 LF Excavator	11/10/2016		1
1243-16	Sennebogen 860	Material Handler	9/13/2016		1
1246-16	Sennebogen 860	Material Handler	9/16/2016		1
1057-31	Cat 950 Loader	Cat 950 Front End Loader	9/14/2016		1
1085-32	Cat 966 Loader	Cat 966 Front End Loader	9/21/2016		1
655-32	Komatsu 450 Loader	Komatsu 450-3MC Loader	11/2/2016		1
840-55	JCB 540 Lodall	Telescoping Forklift	9/13/2016		1
1050-37	JCB 190 Skid Steer	Rubber Tire Skid Steer	9/15/2016		1
Buckets					
1246-1B	Anvil Bucket	4.0 CY Clamshell Bucket	9/13/2016		1
10664-19	Anvil Bucket	3.5 CY Clamshell Bucket	10/31/2016		1
9023-19	Anvil Bucket	3.5 CY Clamshell w/ Teeth	11/18/2016		
9010-19	Cablearm Bucket	5CY Cablearm Clamshell Bucket	10/6/2016		1
Compressor / Generator / Power Pack					
835-06	IR 185 Compressor	Air Compressor 185	9/15/2016		1
1404-13	XQ60 Generator	Generator XQ60	9/15/2016		1
1119-92	Hydraulic Power Pack	Winch Power Pack 80hp	9/15/2016		1
Light Plants					
943-90	Amida Light Plant	Light Plant	9/21/2016		1
945-90	Amida Light Plant	Light Plant	9/20/2016		1
999-90	Terex RL 400 Light	Light Plant	9/21/2016		1
1219-90	Terex RL 400 Light	Light Plant	10/10/2016		1
1206-90	Terex RL 400 Light	Light Plant	10/10/2016		1
670-90	Terex RL 400 Light	Light Plant	10/10/2016		1
	Terex RL 400 Light	Light Plant	10/20/2016		1
	Terex RL 400 Light	Light Plant	10/20/2016		1
	Terex RL 400 Light	Light Plant	10/20/2016		1
Seabox					
BB24420-47	Seabox	Seabox	9/13/2016		1
234056	Seabox	Seabox	9/15/2016		1
Vehicles					
13-66	Ford F250 Pickup	Pickup	10/6/2016		1
301-63	Street Sweeper	International Sweeper Truck	11/1/2016		1
Water Treatment System					
1458-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
1716-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
1673-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
1718-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
1674-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
1762-E	Bag Filter Housing	Bag Filter Housing	9/20/2016		1
Boats					
1082-83	Yamaha Twin Outboard	Push Boat	10/24/2016		1
8721-83	Bumblebee Boat	Push Boat	9/14/2016		1
1706-83	Tugboat	Shirley Tugboat	9/15/2016		1
1720-83	Tugboat	7 Bells Tugboat	10/6/2016		1
1657-82	Dredge Tender	DSC Dredge Tender	9/23/2016		1
1318-83	Triumph 21' Boat	Boat	9/20/2016		1
Rake Ends / Spuds					
RAKE ENDS	BARGE RAKE ENDS	BARGE RAKE ENDS	9/23/2016		4
1284-46	2 Poseidon 50' Spud SP 243	Poseidon Spud	10/6/2016		2

Sevenson Equipment List

Rental Equipment	Make/Model	Description	Date Onsite	Hrs	Qty
Barges					
PF7-127RCT	Poseidon Barge 40'	40'x10'x7' Barge	9/14/2016		1
PF7-179QCT	Poseidon Barge 40'	40'x10'x7' Barge	9/14/2016		1
247B008	Poseidon Barge 40'	40'x10'x7' Barge	9/14/2016		1
PF7-128RCT	Poseidon Barge 40'	40'x10'x7' Barge	9/14/2016		1
990EC	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
019917	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
J-111-E	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
990EJ	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
019919	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
990ER	Shakerton Barge 40'	40'x10'x5' Barge	9/14/2016		1
PF2713QC	Poseidon Barge 20'	20'x10'x5' Barge	9/15/2016		1
PF27132QCT	Poseidon Barge 20'	20'x10'x5' Barge	9/15/2016		1
227B006	Poseidon Barge 20'	20'x10'x5' Barge	9/15/2016		1
227B033	Poseidon Barge 20'	20'x10'x5' Barge	9/15/2016		1
247B034	Poseidon Barge 40'	40'x10'x7' Barge	9/15/2016		1
247C134	Poseidon Barge 40'	40'x10'x7' Barge	9/15/2016		1
P114Q	Poseidon Barge 40'	40'x10'x5' Barge	9/15/2016		1
990Ea	Shakerton Barge 40'	40'x10'x5' Barge	9/15/2016		1
9928	Shakerton Barge 40'	40'x10'x5' Barge	9/15/2016		1
996EB	Shakerton Barge 40'	40'x10'x5' Barge	9/15/2016		1
996EG	Shakerton Barge 40'	40'x10'x5' Barge	9/15/2016		1
9649	Shakerton Barge 20'	40'x10'x5' Barge	9/15/2016		1
9947	Shakerton Barge 20'	40'x10'x5' Barge	9/15/2016		1
9648	Shakerton Barge 20'	40'x10'x5' Barge	9/15/2016		1
9650	Shakerton Barge 20'	40'x10'x5' Barge	9/15/2016		1
	Shakerton Barge	40' x 10' x 5' Barge	10/6/2016		9
Scows					
996-85	Scow Open Top	Scow Open Top	10/28/2016		1
1901-85	Scow Open Top	Scow Open Top	10/6/2016		1
1906-85	Scow Open Top	Scow Open Top	10/6/2016		1
1908-85	Scow Open Top	Scow Open Top	10/6/2016		1
1910-85	Scow Open Top	Scow Open Top	10/6/2016		1
1962-85	Scow Open Top	Scow Open Top	10/6/2016		1
1963-85	Scow Open Top	Scow Open Top	10/6/2016		1
1964-85	Scow Open Top	Scow Open Top	10/28/2016		1
1965-85	Scow Open Top	Scow Open Top	10/28/2016		1
1966-85	Scow Open Top	Scow Open Top	10/28/2016		1
Rental Equipment					
Frac Tank	Adler	Adler Open Top Weir Tank	9/16/2016		2
Frac Tank	Adler	21K Gal Frac Tank	9/16/2016		1
Roll Off	Adler	Adler Roll Off Geotube Box	9/16/2016		1
1288-1B	Anvil	3.5CY Clamshell Bucket	9/14/2016		1
	Anvil	3.5CY Clamshell Bucket - DEMO	10/14/2016		1
Roll Off Container	H4	Roll Off Container	9/20/2016		1
Roll Off Container	H4	Roll Off Container	9/20/2016		1
Break Trailer	Modspace	Break Trailer	9/12/2016		1
Office Trailer	Modspace	Office Trailer	9/23/2016		1
Barge Floats	Northstar Marine	Flexi Floats	11/14/2016		6
Light Plants	Sunbelt Rentals	Light Plants	11/1/2016		1
Noise Meter	Pine Environmental	Pine Environmental Noise Meter	9/26/2016		1
500 gal fuel tank	Taylor Oil	Gas Tank	9/20/2016		1
500 gal fuel tank	Taylor OIl	Off Road Diesel Tank	9/20/2016		1

Labor

SES Personnel		
Shift: Day		Hrs
0	General Superintendent	0.0
1	Project Manager	12.0
1	Project Superintendent	12.0
2	Site Superintendent	22.5
0	QA/QC Manager	0.0
1	Surveyor	12.0
1	Mechanic	12.0
0	Health and Safety	0.0
2	SES Foreman	22.5
1	Labor Foreman 172/472	12.5
5	Laborer 172/472	59.5
8	Operator 825	88.5
2	Licensed Boat Op 25	23.0
1	Mate 25	12.0
2	Deckhand 25	23.5
2	Dredge Op 25	24.0
29	Totals	336.0

SES Subcontractor Personnel		
Shift: Day		Hrs
0	Hydrographic Surveys	0
0	Totals	0.0

SES Personnel		
Shift: Night		Hrs
0	Totals	0.0

SES Subcontractor Personnel		
Shift: Day		Hrs
0	Totals	0.0

Day Shift Employees: 29

Night Shift Employees: 0

Daily Total Employees: 29

Day Shift Hours: **336.0**

Night Shift Hours: **0.0**

Today's Man Hours: 336.0

Total Man Hours to Date: 29,191.0

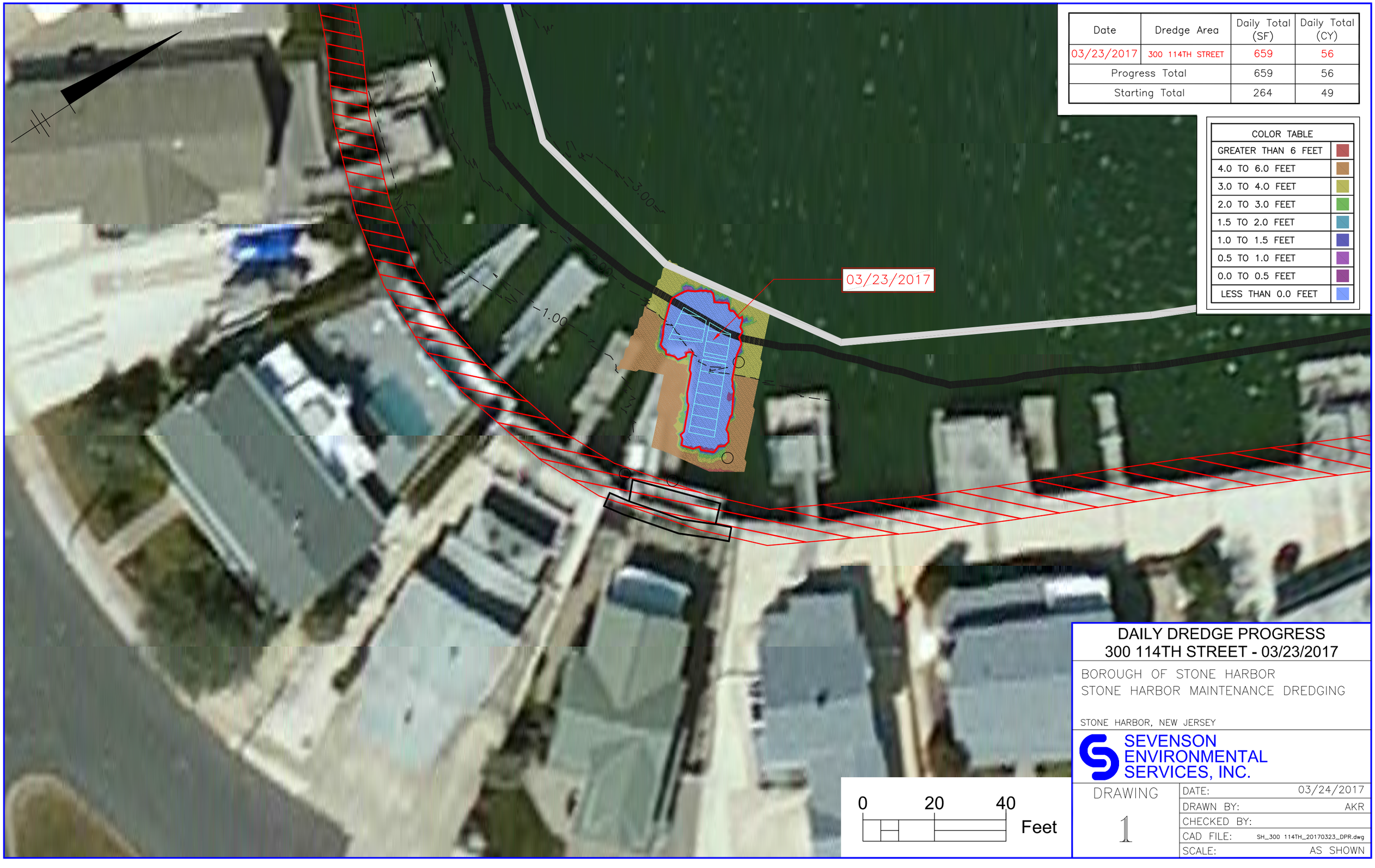
Total Man Hours Since Lost Time Incident: 29,191.0

Lost Time Incidents To-Date - 0

Last Lost Time Incident - N/a

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
03/23/2017	300 114TH STREET	659	56
Progress Total		659	56
Starting Total		264	49

COLOR TABLE	
GREATER THAN 6 FEET	
4.0 TO 6.0 FEET	
3.0 TO 4.0 FEET	
2.0 TO 3.0 FEET	
1.5 TO 2.0 FEET	
1.0 TO 1.5 FEET	
0.5 TO 1.0 FEET	
0.0 TO 0.5 FEET	
LESS THAN 0.0 FEET	



0 20 40 Feet

DAILY DREDGE PROGRESS
300 114TH STREET - 03/23/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 1

DATE:	03/24/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_300 114TH_20170323_DPR.dwg
SCALE:	AS SHOWN

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
03/21/2017	11101 SUNSET DRIVE	1,117	181
03/23/2017	11101 SUNSET DRIVE	409	85
Progress Total		1,526	266
Starting Total		764	125

COLOR TABLE	
GREATER THAN 6 FEET	
4.0 TO 6.0 FEET	
3.0 TO 4.0 FEET	
2.0 TO 3.0 FEET	
1.5 TO 2.0 FEET	
1.0 TO 1.5 FEET	
0.5 TO 1.0 FEET	
0.0 TO 0.5 FEET	
LESS THAN 0.0 FEET	

03/23/2017

03/21/2017

-7.00
-6.00
-5.00
-4.00
-3.00
-2.00
-1.00

0 20 40 Feet

DAILY DREDGE PROGRESS
11101 SUNSET DRIVE - 03/23/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

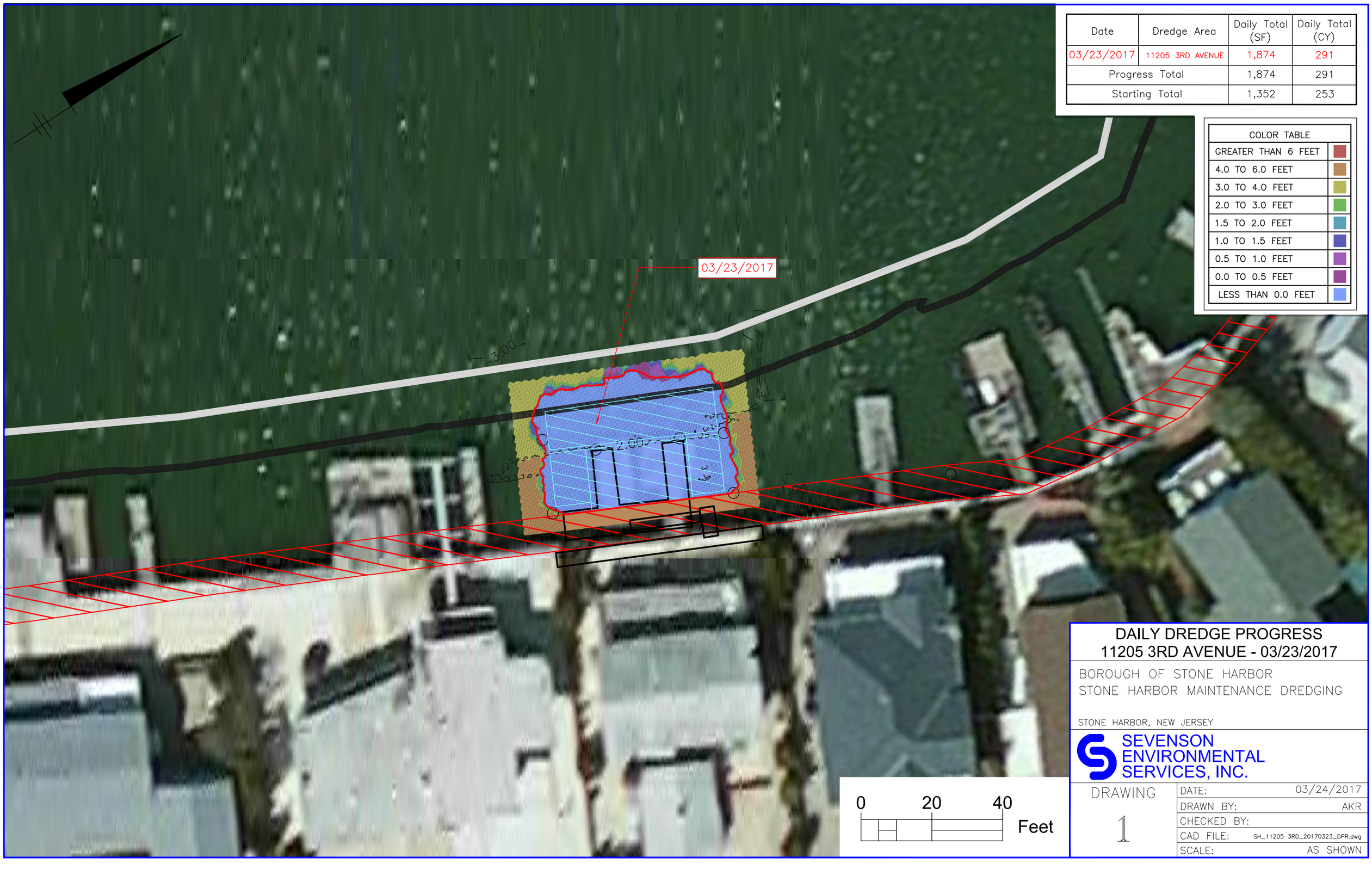
SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 2

DATE:	03/24/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_11101 SUNSET_20170323_DPR.dwg
SCALE:	AS SHOWN

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
03/23/2017	11205 3RD AVENUE	1,874	291
Progress Total		1,874	291
Starting Total		1,352	253

COLOR TABLE	
GREATER THAN 6 FEET	
4.0 TO 6.0 FEET	
3.0 TO 4.0 FEET	
2.0 TO 3.0 FEET	
1.5 TO 2.0 FEET	
1.0 TO 1.5 FEET	
0.5 TO 1.0 FEET	
0.0 TO 0.5 FEET	
LESS THAN 0.0 FEET	



0 20 40 Feet

DAILY DREDGE PROGRESS
11205 3RD AVENUE - 03/23/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 1

DATE:	03/24/2017
DRAWN BY:	AKR
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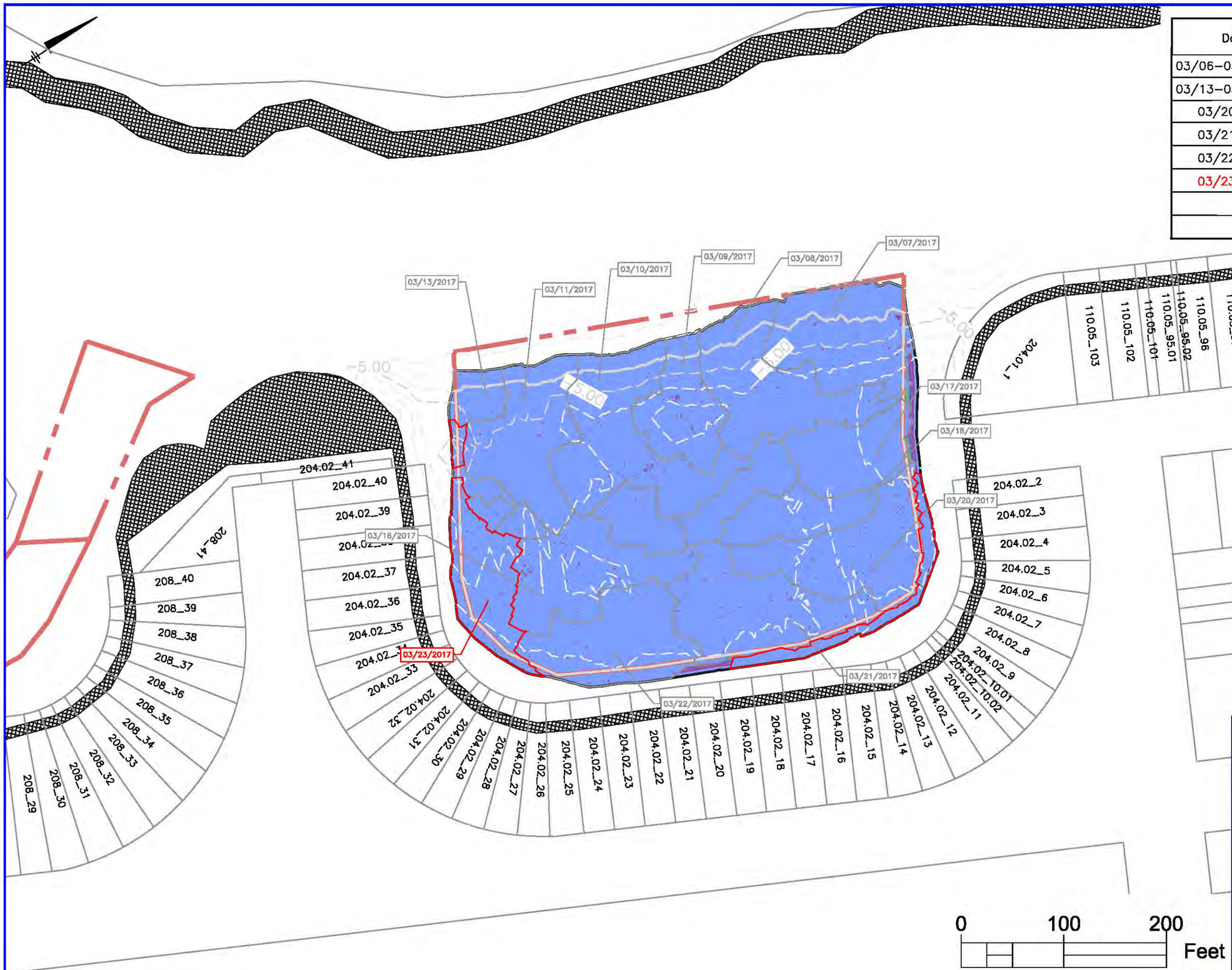
CAD FILE:	SH_11205 3RD_20170323_DPR.dwg
SCALE:	AS SHOWN

Date	Dredge Area	Total (SF)	Total (CY)
03/06–03/12/2017	Sanctuary Bay	60,234	4,382
03/13–03/19/2017	Sanctuary Bay	37,582	4,007
03/20/2017	Sanctuary Bay	12,308	1,511
03/21/2017	Sanctuary Bay	13,108	1,587
03/22/2017	Sanctuary Bay	11,545	1,268
03/23/2017	Sanctuary Bay	11,845	1,036
Progress Total		146,622	13,791
Starting Total		126,912	16,391

COLOR TABLE	
GREATER THAN 6 FEET	
4.0 TO 6.0 FEET	
3.0 TO 4.0 FEET	
2.0 TO 3.0 FEET	
1.5 TO 2.0 FEET	
1.0 TO 1.5 FEET	
0.5 TO 1.0 FEET	
0.0 TO 0.5 FEET	
LESS THAN 0.0 FEET	



DAILY DREDGE PROGRESS
SANCTUARY BAY - 03/23/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING
13

DATE:	03/24/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_SANCTUARY_20170323_DPR.dwg
SCALE:	AS SHOWN