Stone Harbor Maintenance Dredging

Stone Harbor, NJ

Weather
High 50 Low 25
Precipitation .64"

Reports No. 101

Project No. 1145

Report Date: 02/09/17

Day of Week: Thursday

Weather Conditions: Rain/Sleet/Wind

Daily Progress Report

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1 Sennebogen dredging a residential property in Carnival Bay

2 Removing dredge material from a boat slip in Carnival Bay

3 Tender boat assisting Sennebogen Barge with a move

4 Loading a scow with dredge material in Carnival Bay

5 Sennebogen dredging a residential property

6 Loading a hydraulic boat on a SES truck

Work Performed by Sevenson

- Continued communication with residents regarding residential slip dredging
- Continued blending dredge material with Portland Cement
- Continued staging blended dredge material in anticipation of disposal
- Continued noise level monitoring activities
- Continued dust monitoring activities
- Pump excess water off of pad
- Secured site at 81st Street for high winds
- Loaded a hydraulic boat on a SES truck
- Sennebogen continued dredging residential properties in Carnival Bay

- Sennebogen removed 43 cys from residential properties in Carnival Bay
- Sennebogen was shut down after 2.5 hours due to very strong winds

- There was no disposal today due to inclement weather

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)
02/06/17	Mon	896	1,457
02/07/17	Tue	507	0
02/08/17	Wed	580	191
02/09/17	Thu	43	0
02/10/17	Fri	--	--
02/11/17	Sat	--	--
02/12/17	Sun	--	--
Weekly Totals		**2,026 CY**	**1,648 Tns**

Safety Remarks

- No accidents or incidents observed or reported.
- Conducted daily safety meeting: Anticipated Weather

Remarks/Verbal Directives

- None

Planned Activities

- Continue communication with residents about residential slip dredging
- Continue load out of dredge material
- Continue dredging residential properties in Carnival Bay
- Continue dredging residential properties in Paradise Bay

Other Information

Production Tables

Disposal	Kinsley	Cape Mining	Beach	Other	Other	Total	Unit
Today	0	0				0	Tons
Previous	6,081	71,313				77,395	Tons
Total	6,081	71,313				77,395	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	1357	9%
Sanctuary Bay	16,391	Contract Bid Sheet	0	0	0%
Paradise Bay	10,517	Contract Bid Sheet	0	4691	45%
Access Channel	20,875	Contract Bid Sheet	0	21445	103%
Stone Harbor Hole	0	Contract Bid Sheet	0	0	0%
Tuxedo Cove	2,552	2016 AD Survey	0	2194	100%
Residential Dredging	3,657	2016 BD Survey	43	3565	97%
*** Fire Boat Slip	188	Fire Boat AD Survey	0	262	139%
TOTALS	**101,257**		**43**	**57,728**	**60%**

** 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					
1311-82	Hydraulic Push Boat	Hydraulic Push Boat	DEMOBED 2/10/17		1
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	9/20/2016		3
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		4
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	8.0
2	Project Superintendent	16.0
0	Site Superintendent	0.0
0	QA/QC Manager	0.0
1	Surveyor	8.0
1	Mechanic	8.0
0	Health and Safety	0.0
2	SES Foreman	6.0
1	Labor Foreman 172/472	8.0
3	Laborer 172/472	9.0
3	Operator 825	24.0
1	Licensed Boat Op 25	2.5
1	Mate 25	2.5
1	Deckhand 25	2.5
0	Dredge Op 25	0.0
17	Totals	94.5

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	17
Night Shift Employees	0
Daily Total Employees	**17**
Day Shift Hours	**94.5**
Night Shift Hours	**0.0**
Today's Man Hours	**94.5**
Total Man Hours to Date	**21,307.5**
Total Man Hours Since Lost Time Incident	**21,307.5**

Lost Time Incidents To-Date - 0

Last Lost Time Incident - N/a

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
02/08/2017	10602 CORINTHIAN DRIVE	774	106
02/09/2017	10602 CORINTHIAN DRIVE	77	9
Progress Total		851	111
Starting Total		693	102

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	

1.00
2.00
3.00
4.00
5.00
6.00
02/08/2017
02/09/2017

0 20 40 Feet

DAILY DREDGE PROGRESS
10602 CORINTHIAN DRIVE - 02/09/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

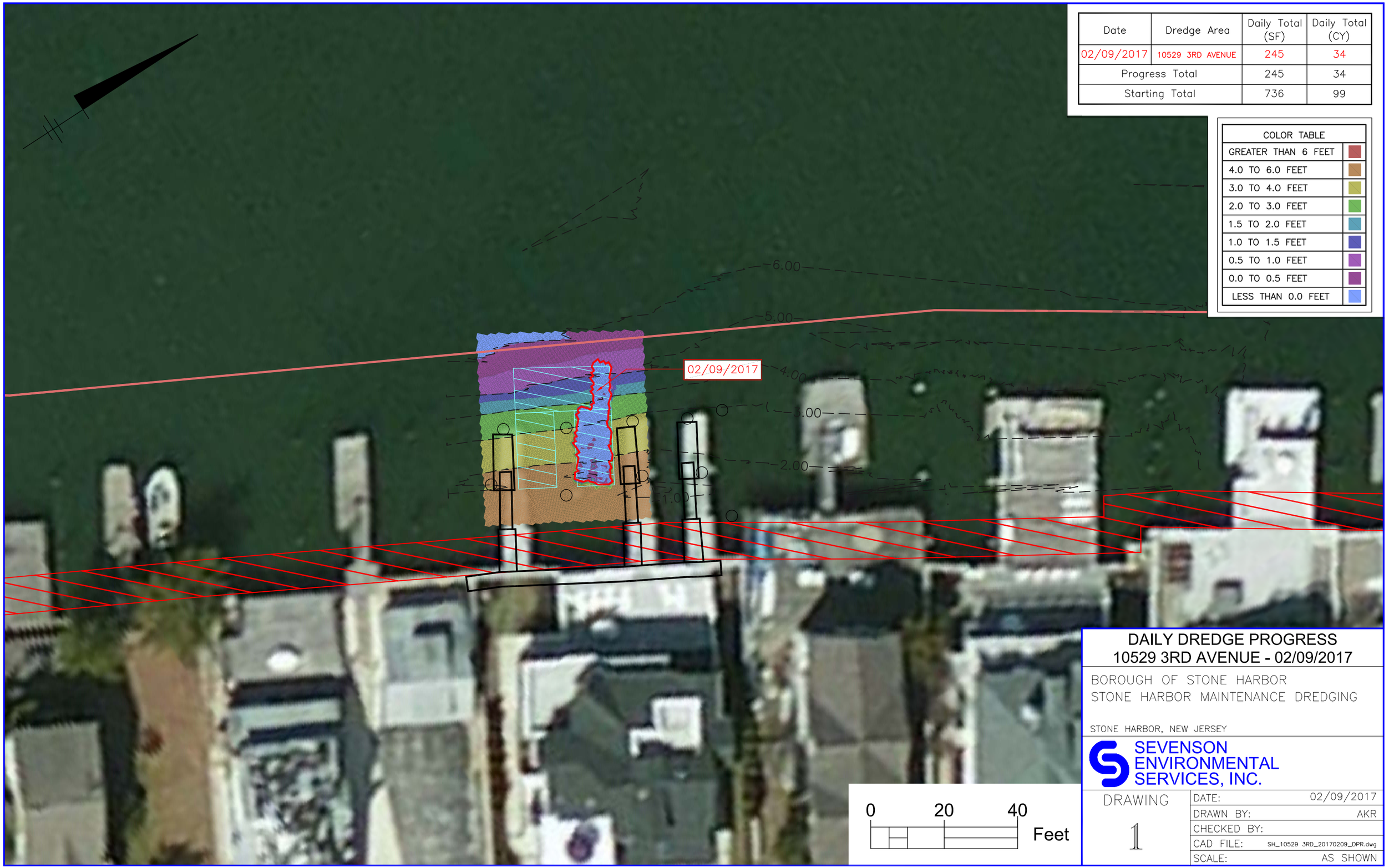
SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 2

DATE:	02/09/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_10602 CORINTHIAN_20170209_DPR.dwg
SCALE:	AS SHOWN

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
02/09/2017	10529 3RD AVENUE	245	34
Progress Total		245	34
Starting Total		736	99

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
10529 3RD AVENUE - 02/09/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 1

DATE:	02/09/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_10529 3RD_20170209_DPR.dwg
SCALE:	AS SHOWN