Stone Harbor Maintenance Dredging

Stone Harbor, NJ

Weather
High 40 Low 31
Precipitation 0.00

Reports No.	Project No.	Report Date:	Day of Week:
107	1145	02/17/17	Friday

Weather Conditions: Clear

Daily Progress Report

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1 PC-400 dredging in Paradise Bay

2 Sennebogen dredging operations in Carnival Bay

3 Sennebogen unloading a full scow at the bulkhead

4 Loading a truck with ammended dredge material

5 Loading a truck with material from Carnival Bay to be hauled to Stags Leap Landfill

6 PC-400 loading a scow in Paradise Bay

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 ammended dredge material to Kinsley Landfill
- Continued out of ammended dredge material to Stags Leap Landfill
- PC-400 continued dredging touch up work in Paradise Bay
- Sennebgoen continued dredging in Carnival Bay

- PC-400 removed 381 cys from Paradise Bay (Touch-ups)
- Sennebogen removed 838 cys from Carnival Bay

- Disposed of 15 trucks to Kinsley Landfill
- Disposed of 44 trucks to Stags Leap Landfill

* Tables will be updated Tuesday *

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)
02/13/17	Mon	0	0
02/14/17	Tue	502	592
02/15/17	Wed	375	649
02/16/17	Thu	615	1,504
02/17/17	Fri	1,219	1,150 ESTIMATED
02/18/17	Sat	--	--
02/19/17	Sun	--	--
Weekly Totals		**2,711 CY**	**3,895 Tns**

Safety Remarks

- No accidents or incidents observed or reported.
- Conducted daily safety meeting: First Aid Kits

Remarks/Verbal Directives

- None

Planned Activities

- Continue communication with residents about residential slip dredging
- Continue load out of dredge material
- Continue touch up work in Paradise Bay
- Continue production dredging in Paradise Bay
- Continue dredging in Carnival Bay
- SES has scheduled Hydrographic Surveys to perform an after dredge survey of residential properties on Saturday 2/18

Other Information

Production Tables

Disposal	Kinsley	Cape Mining	Stags Leap	Other	Other	Total	Unit
Today	290	0	860			1,150	Tons
Previous	8,188	71,313	1,068			80,569	Tons
Total	8,478	71,313	1,928			81,719	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	838	2440	15%
Sanctuary Bay	16,391	Contract Bid Sheet	0	0	0%
Paradise Bay	10,517	Contract Bid Sheet	381	5170	49%
Access Channel	20,875	Contract Bid Sheet	0	18363	100%
Stone Harbor Hole	0	Contract Bid Sheet	0	0	0%
Tuxedo Cove	2,552	2016 AD Survey	0	2194	100%
Residential Dredging	4,350	2016 BD Survey	0	4665	107%
*** Fire Boat Slip	188	Fire Boat AD Survey	0	262	139%
TOTALS	**101,950**		**1,219**	**57,308**	**58%**

** 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
2	Project Superintendent	20.0
0	Site Superintendent	0.0
0	QA/QC Manager	0.0
1	Surveyor	12.0
1	Mechanic	12.0
0	Health and Safety	0.0
2	SES Foreman	24.0
1	Labor Foreman 172/472	11.0
4	Laborer 172/472	42.0
4	Operator 825	42.0
1	Licensed Boat Op 25	10.5
1	Mate 25	12.0
1	Deckhand 25	10.5
1	Dredge Op 25	12.0
20	Totals	220.0

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	20
Night Shift Employees	0
Daily Total Employees	**20**
Day Shift Hours	**220.0**
Night Shift Hours	**0.0**
Today's Man Hours	**220.0**
Total Man Hours to Date	**22,098.0**
Total Man Hours Since Lost Time Incident	**22,098.0**

Lost Time Incidents To-Date - 0

Last Lost Time Incident - N/a

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
01/30/2017	Access Channel	6,445	419
01/31/2017	Access Channel	8,916	821
02/01/2017	Access Channel	7,025	724
Progress Total		22,386	1,964
Starting Total		110,460	20,875

Date	Dredge Area	Total (SF)	Total (CY)
01/30–02/05/2017	Carnival Bay	7,639	675
02/05–02/12/2017	Carnival Bay	5,981	682
02/16/2017	Carnival Bay	3,735	245
02/17/2017	Carnival Bay	6,835	838
Progress Total		24,190	2,440
Starting Total		122,739	15,874

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	

02/06/2017
02/02/2017
02/01/2017
01/31/2017
01/30/2017
02/16/2017
02/17/2017

0 100 200 Feet

DAILY DREDGE PROGRESS

CARNIVAL BAY AND ACCESS CHANNEL - 02/17/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

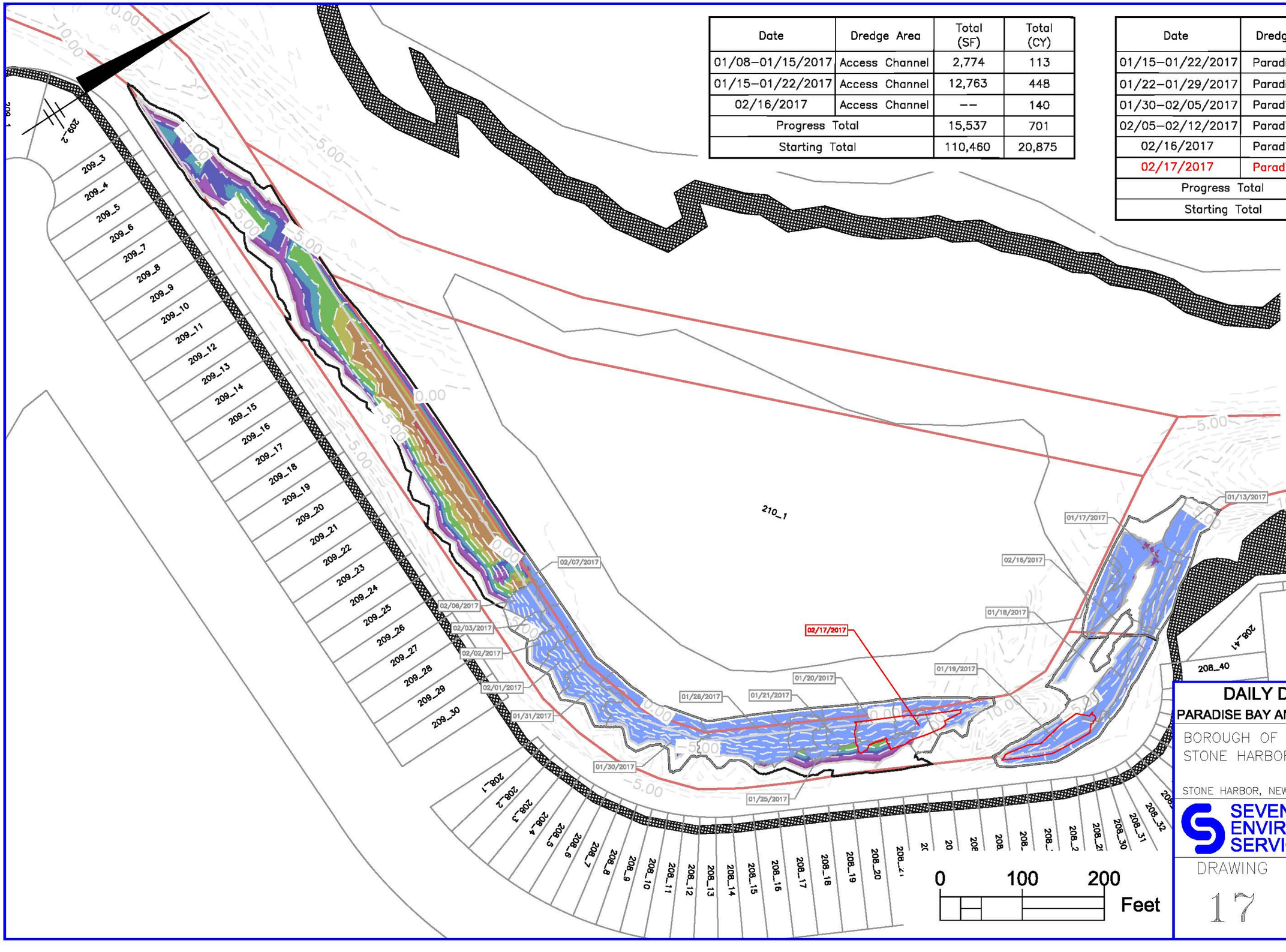
DRAWING 7

DATE:	02/18/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_CARNIVAL_ACCESS_20170217_DPR.dwg
SCALE:	AS SHOWN

Date	Dredge Area	Total (SF)	Total (CY)
01/08–01/15/2017	Access Channel	2,774	113
01/15–01/22/2017	Access Channel	12,763	448
02/16/2017	Access Channel	--	140
Progress Total		15,537	701
Starting Total		110,460	20,875

Date	Dredge Area	Total (SF)	Total (CY)
01/15–01/22/2017	Paradise Bay	23,663	1,845
01/22–01/29/2017	Paradise Bay	7,407	757
01/30–02/05/2017	Paradise Bay	16,303	1,705
02/05–02/12/2017	Paradise Bay	2,050	384
02/16/2017	Paradise Bay	--	98
02/17/2017	Paradise Bay	--	381
Progress Total		49,423	5,072
Starting Total		56,044	10,517

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

PARADISE BAY AND ACCESS CHANNEL - 02/17/2017

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 17

DATE:	02/18/2017
DRAWN BY:	AKR
CHECKED BY:	
CAD FILE:	SH_PARADISE_ACCESS_20170217_DPR.dwg
SCALE:	AS SHOWN