Stone Harbor Maintenance Dredging

Stone Harbor, NJ

Weather High	Weather Low	Reports No.	Project No.	Report Date:	Day of Week:
61	38	53	1145	11/19/16	Saturday

Precipitation: 0.00

Weather Conditions: Clear

Daily Progress Report

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1 PC-400 dredging in the Access Channel

2 Tender boat assisting with moon pool repairs

3 Sennebogen mixing dredge material with Portland cement

4 Tug boat pushing an empty scow to the Access Channel

5 Loading a scow with dredge material in the Access Channel

6 Hydrographic Surveys performing an after dredge survey in Stone Harbor Basin

Work Performed by Sevenson

- Continued communication with residents regarding residential slip dredging
- Continued survey of resident boat slips
- 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
- Continued dredging in the Access Channel

- Sennebogen removed 64 CYS from residential slips in Stone Harbor Basin
- Sennebogen removed 168 CYS from the Access Channel
- PC-400 removed 100 CYS from the Access Channel

Weekly Summary

Date		Dredge QTY (CY)	Disposal QTY (Tns)
11/14/16	Mon	736	746
11/15/16	Tue	692	1,225
11/16/16	Wed	303	1,524
11/17/16	Thu	391	1,356
11/18/16	Fri	673	564
11/19/16	Sat	332	--
11/20/16	Sun	--	--
Weekly Totals		**3,127 CY**	**5,415 Tns**

Safety Remarks

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

Remarks/Verbal Directives

- None

Work Performed by Subcontractors

Hydrographic Surveys was on site to perform after dredge survey of Tuxedo Cove and residential properties in Stone Harbor Basin

Planned Activities

- Continue survey of residential slips for residential slip dredging
- Continue load out of dredge material
- Continue dredging in the Access Channel

Equipment/Materials Delivered to Site

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

Other Information

- The Stone Harbor Blvd Bridge is closed to both vehicle and boat traffic indefinitely. This impacts both dredging and disposal operations and schedule.

Production Tables

Disposal	Kinsley	Cape Mining	Beach	Other	Other	Total	Unit
Today	0	0				0	Tons
Previous	4,667	23,255				27,922	Tons
Total	4,667	23,255				27,922	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 BD Survey	0	3662	100%
Pleasure Bay	10,184	Contract Bid Sheet	0	198	2%
Carnival Bay	15,874	Contract Bid Sheet	0	0	0%
Sanctuary Bay	16,391	Contract Bid Sheet	0	0	0%
Paradise Bay	10,517	Contract Bid Sheet	0	0	0%
Access Channel	20,875	Contract Bid Sheet	268	2465	12%
Stone Harbor Hole	0	Contract Bid Sheet	0	0	0%
Tuxedo Cove	2,552	2016 BD Survey	0	2241	88%
Residential Dredging	1,267	2016 BD Survey	64	1417	112%
*** Fire Boat Slip	188	Fire Boat AD Survey	0	188	100%
TOTALS	**98,867**		**332**	**21,012**	**23%**

** 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
526-E	JCB Lodall	Telescoping Forklift	9/12/2016		1
Break Trailer	Modspace	Break Trailer	9/12/2016		1
840-E	JCB Lodall	Telescoping Forklift	9/13/2016		1
BB24420	Seabox	Seabox	9/13/2016		1
1243-E	Sennebogen 860	Material Handler	9/13/2016		1
1246-1B	Anvil 4Cy Clamshell	Clamshell Bucket	9/13/2016		1
1057-E	Cat 950 Loader	Loader	9/14/2016		1
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
8721-E	Bumblebee Boat	Push Boat	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
234056	Seabox	Seabox	9/15/2016		1
1706-E	Tugboat	Shirley Tugboat	9/15/2016		1
1050-E	JCB 190 Skid Steer	Rubber Tire Skid Steer	9/15/2016		1
835-E	IR 185 Compressor	Air Compressor 185	9/15/2016		1
1404-E	XQ60 Generator	Generator XQ60	9/15/2016		1
1246-16	Sennebogen 860	Material Handler	9/16/2016		1
Frac Tank	Adler	Adler Open Top Weir Tank	9/16/2016		2
Frac Tank	Adler	21K Gal Frac Tank	9/16/2016		1
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
1318-E	Triumph 21' Boat	Boat	9/20/2016		1
670-E	Terex RL 400 Light	Light Plant	9/20/2016		1
1848-E	Komatsu PC 350 Ex	PC 350 Excavator	9/20/2016		1
Roll Off	Adler	Adler Roll Off Geotube Box	9/20/2016		3
500 gal fuel tank	Taylor Oil	Gas Tank	9/20/2016		1
500 gal fuel tank	Taylor OII	Off Road Diesel Tank	9/20/2016		1
Roll Off Container	H4	Roll Off Container	9/20/2016		1
Roll Off Container	H4	Roll Off Container	9/20/2016		1
1206-E	Genie Light Tower	Genie Light Tower / Generator	9/21/2016		1
999-E	Terex RL 400 Light	Light Plant	9/21/2016		1

Rental Equipment List

Rental Equipment	Make/Model	Description	Date Onsite	Hrs	Qty
1085-E	Cat 966 Loader	Cat 966 Front End Loader	9/21/2016		1
Office Trailer	Modspace	Office Trailer	9/23/2016		1
RAKE ENDS	BARGE RAKE ENDS	BARGE RAKE ENDS	9/23/2016		2
1657-E	Dredge Tender	DSC Dredge Tender	9/23/2016		1
Noise Meter	Pine Environmental	Pine Environmental Noise Meter	9/26/2016		1
1720-83	7 Bells Tug	7 Bells Tugboat	10/6/2016		1
1284-46	oseidon 50' Spud SP 2	Poseidon Spud	10/6/2016		1
13-66	Ford F250 Pickup	Pickup	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
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	10/6/2016		1
1968-85	Scow Open Top	Scow Open Top	10/6/2016		1
1966-85	Scow Open Top	Scow Open Top	10/6/2016		1
	Shakerton Barge	40' x 10' x 5' Barge	10/6/2016		9
9010-18	Cablearm Bucket	5CY Cablearm Clamshell	10/6/2016		1
10664-19	Anvil Bucket	3.5 CY Anvil Clamshell	10/31/2016		1
301-63	Street Sweeper	International Sweeper Truck	11/1/2016		1
655-32	Komatsu 450 Loader	Komatsu 450-3MC Loader	11/2/2016		1

Labor

SES Personnel		
Shift: Day		Hrs
0	General Superintendent	0.0
0	Project Manager	0.0
1	Project Superintendent	12.0
0	Timekeeper	0.0
0	QA/QC Manager	0.0
1	Surveyor	12.0
1	Mechanic	11.0
0	Health and Safety	0.0
2	SES Foreman	22.0
1	Labor Foreman 172/472	11.0
5	Laborer 172/472	55.0
4	Operator 825	44.0
2	Licensed Boat Op 25	24.0
1	Mate 25	12.0
3	Deckhand 25	36.0
1	Dredge Op 25	12.0
22	Totals	251.0

SES Subcontractor Personnel		
Shift: Day		Hrs
1	Hydrographic Surveys	8
1	Totals	8.0

Day Shift Employees	23
Night Shift Employees	0
Daily Total Employees	**23**
Day Shift Hours	**259.0**
Night Shift Hours	**0.0**
Today's Man Hours	**259.0**
Total Man Hours to Date	**10,316.0**

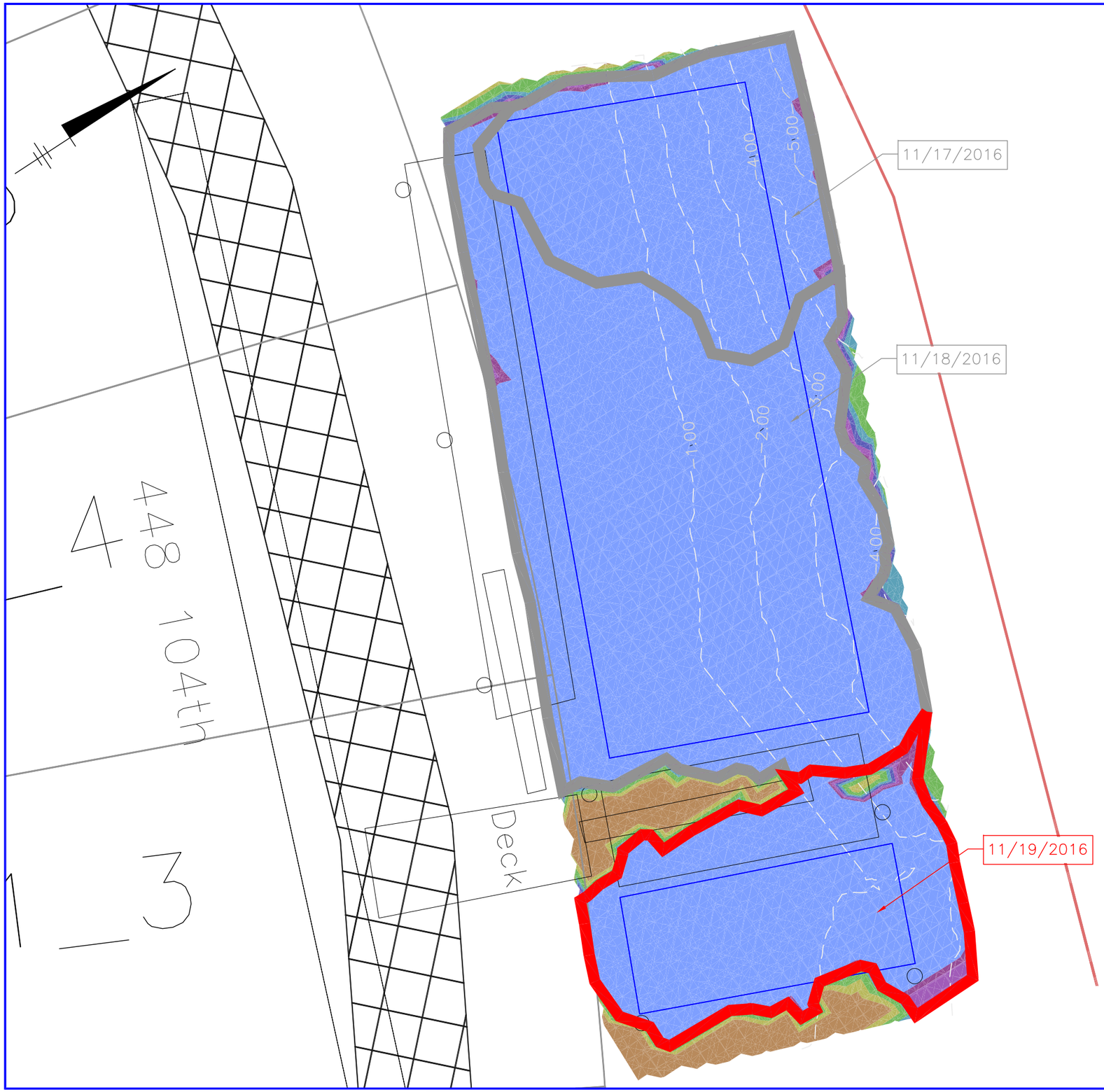
SES Personnel		
Shift: Night		Hrs
0	Totals	0.0

SES Subcontractor Personnel		
Shift: Day		Hrs
0	Totals	0.0

Total Man Hours Since Lost Time Incident **10,316.0**

Lost Time Incidents To-Date - 0

Last Lost Time Incident - N/a



Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
11/17/2016	448 104th St	571	81
11/18/2016	448 104th St	1,414	320
11/19/2016	448 104th St	583	64
Progress Total		2,568	465
Starting Total		1,565	328

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 5 10 Feet

DAILY DREDGE PROGRESS
448 104TH STREET - 11/19/2016

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 3

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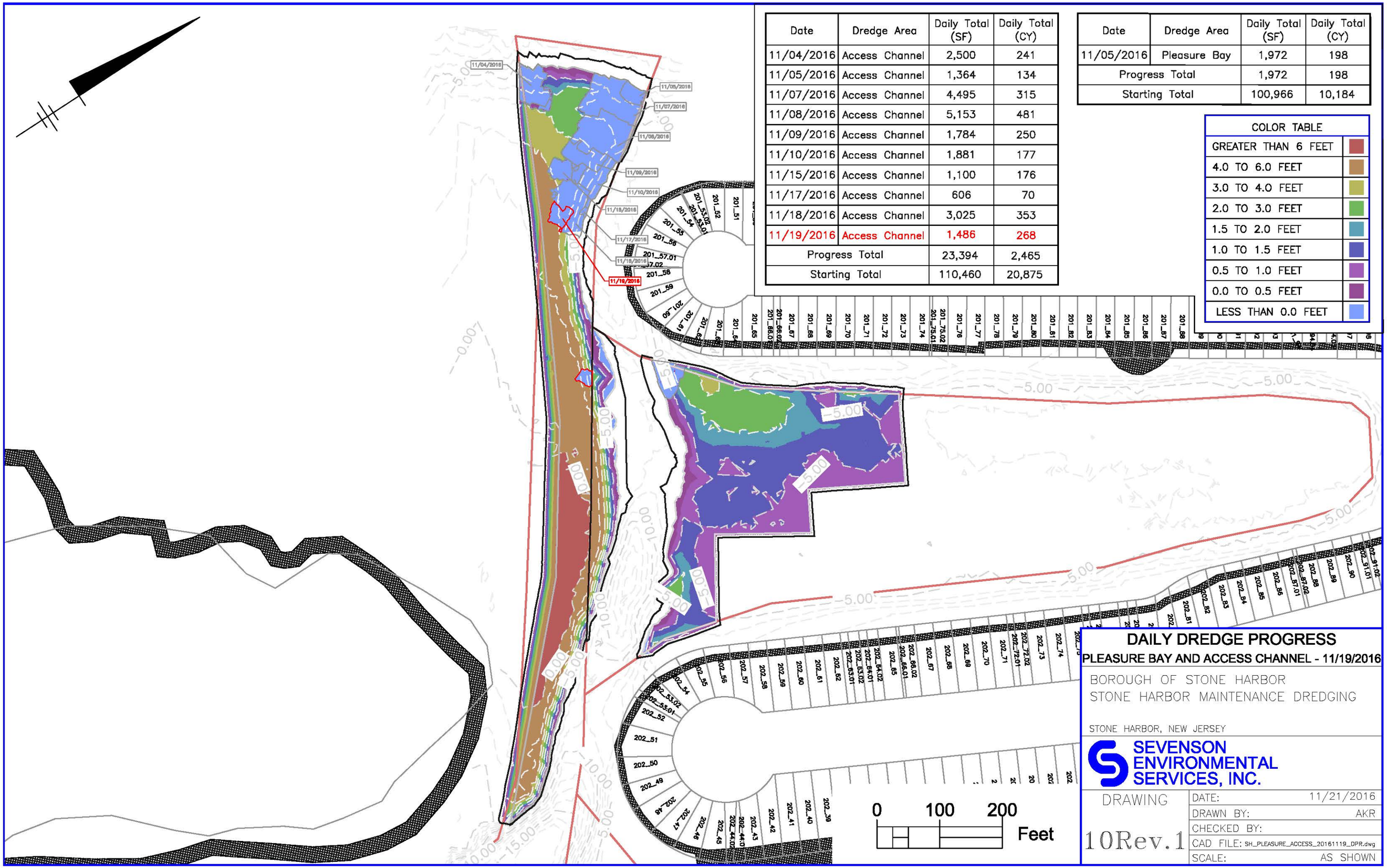

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
11/04/2016	Access Channel	2,500	241
11/05/2016	Access Channel	1,364	134
11/07/2016	Access Channel	4,495	315
11/08/2016	Access Channel	5,153	481
11/09/2016	Access Channel	1,784	250
11/10/2016	Access Channel	1,881	177
11/15/2016	Access Channel	1,100	176
11/17/2016	Access Channel	606	70
11/18/2016	Access Channel	3,025	353
11/19/2016	Access Channel	1,486	268
Progress Total		23,394	2,465
Starting Total		110,460	20,875

Date	Dredge Area	Daily Total (SF)	Daily Total (CY)
11/05/2016	Pleasure Bay	1,972	198
Progress Total		1,972	198
Starting Total		100,966	10,184

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

PLEASURE BAY AND ACCESS CHANNEL - 11/19/2016

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

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