# Stone Harbor Maintenance Dredging

Stone Harbor, NJ

| Weather High | Weather Low | Reports No. | Project No. | Report Date: | Day of Week: |
|---|---|---|---|---|---|
| 57 | 39 | 34 | 1145 | 10/27/16 | Thursday |

Precipitation: 0.22

Weather Conditions: Overcast

## Daily Progress Report

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**1** Sennebogen dredge removing material from Snug Harbor

**2** Offloading a scow with dredge material to the mixing bin

**3** Amending dredge material with Portland Cement

**4** Hauling dredge material to the North Staging area in preparation for disposal

**5** Ammended dredge material staged at the North Staging area

**6** Loading out ammended dredge material for disposal

## 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 load out of dredge material from Snug Harbor to Cape Mining Landfill

- Removed 1,204 CYS from Snug Harbor
- Disposed of 1,361 tons to Cape Mining Landfill from Snug Harbor

## 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) |
|---|---|---|---|
| 10/24/16 | Mon | 1,499 | 1,035 |
| 10/25/16 | Tue | 1,273 | 1,371 |
| 10/26/16 | Wed | 1,380 | 1,574 |
| 10/27/16 | Thu | 1,204 | 1,361 |
| 10/28/16 | Fri | | |
| 10/29/16 | Sat | | |
| 10/30/16 | Sun | -- | -- |
| **Weekly Totals** | | **5,356 CY** | **5,342 Tns** |

## Safety Remarks

- No accidents or incidents observed or reported.
- Conducted daily safety meeting: Accident Prevention

## Remarks/Verbal Directives

- None

## Planned Activities

- Continue survey of residential slips for residential slip dredging
- Continue load out of dredge material
- Continue dredging in Snug Harbor
- Prepare for residential dredging in Snug Harbor
- COWI have scheduled Hydrographic Surveys for Monday 10-31 for an after dredge survey of Shelter Haven
- SES will perform off-hours pumping tomorrow 10/28 due to a rain event

## Other Information

- None

## Production Tables

| Disposal | Kinsley | Cape Mining | Beach | Other | Other | Total | Unit |
|---|---|---|---|---|---|---|---|
| Today | 0 | 1,361 | | | | 1,361 | Tons |
| Previous | 4,667 | 6,332 | | | | 10,999 | Tons |
| Total | 4,667 | 7,693 | | | | 12,360 | Tons |

| Dredging | Available Pay (CY) | Quantity Data Source | Dredged Today (CY) | Dredged To Date (CY) | % Complete |
|---|---|---|---|---|---|
| South Basin | 4,862 | 2016 AD Survey | 0 | 3,462 | 100% |
| Snug Harbor | 9,445 | 2016 BD Survey | 1204 | 7580 | 80% |
| Shelter Haven Entrance | 1,834 | 2016 BD Survey | 0 | 1440 | 79% |
| Stone Harbor | 4,878 | 2016 BD Survey | 0 | 0 | 0% |
| Pleasure Bay | 10,184 | Contract Bid Sheet | 0 | 0 | 0% |
| 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 | 0 | 0 | 0% |
| Stone Harbor Hole | 0 | Contract Bid Sheet | 0 | 0 | 0% |
| *** Fire Boat Slip | 188 | Fire Boat AD Survey | 0 | 188 | 100% |
| **TOTALS** | **95,048** | | **1,204** | **12,670** | **13%** |

** 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 |

## *Labor*

| SES Personnel | | |
|---|---|---|
| Shift: Day | | Hrs |
| 1 | General Superintendent | 12.0 |
| 1 | Project Manager | 12.0 |
| 3 | Project Superintendent | 36.0 |
| 1 | Timekeeper | 8.0 |
| 0 | QA/QC Manager | 0.0 |
| 1 | Surveyor | 12.0 |
| 1 | Mechanic | 12.0 |
| 0 | Health and Safety | 0.0 |
| 1 | Labor Foreman 172/472 | 12.0 |
| 3 | Laborer 172/472 | 36.0 |
| 4 | Operator 825 | 48.0 |
| 2 | Licensed Boat Op 25 | 24.0 |
| 1 | Mate 25 | 12.0 |
| 2 | Deckhand 25 | 24.0 |
| 1 | Dredge Op 25 | 12.0 |
| 22 | Totals | 260.0 |

| 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 | 22 |
| Night Shift Employees | 0 |
| **Daily Total Employees** | **22** |
| Day Shift Hours | **260.0** |
| Night Shift Hours | **0.0** |
| **Today's Man Hours** | **260.0** |
| **Total Man Hours to Date** | **4,850.0** |
| **Total Man Hours Since Lost Time Incident** | **4,850.0** |

**Lost Time Incidents To-Date - 0**

**Last Lost Time Incident - N/a**

| Date | Dredge Area | Daily Total (SF) | Daily Total (CY) |
|---|---|---|---|
| 10/18/2016 | Snug Harbor | 8,416 | 996 |
| 10/19/2016 | Snug Harbor | 4,982 | 730 |
| 10/22/2016 | Snug Harbor | 4,069 | 498 |
| 10/24/2016 | Snug Harbor | 10,408 | 1,499 |
| 10/25/2016 | Snug Harbor | 9,209 | 1,273 |
| 10/26/2016 | Snug Harbor | 11,885 | 1,380 |
| 10/27/2016 | Snug Harbor | 14,352 | 1,204 |
| Progress Total | | 63,321 | 7,580 |
| Starting Total | | 64,273 | 9,445 |

| 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
# SNUG HARBOR - 10/27/2016

BOROUGH OF STONE HARBOR
STONE HARBOR MAINTENANCE DREDGING

STONE HARBOR, NEW JERSEY

SEVENSON ENVIRONMENTAL SERVICES, INC.

DRAWING 7

| | |
|---|---|
| DATE: | 10/28/2016 |
| DRAWN BY: | AKR |
| CHECKED BY: | |
| CAD FILE: | SH_SNUG_20161027_DPR.dwg |
| SCALE: | AS SHOWN |