17-019 Page 1 of 5

Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



Name of Facility:	Permit Number:	
Starbuck Island	NYR11D911	
Location:		
Village of Green Island, New York		
Date of Inspection:	Time of Inspection:	
October 23, 2018	11:30 am	
Weather:	Rainfall Since Last Inspection:	
Cloudy - 46 Degrees	0.08''	
Purpose of Inspection:	Inspector:	
Bi-Weekly Inspection	KPB	

Report E-Mail Distribution List:			
1.	Recipient:		E-mail:
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com
2.	Recipient:		E-mail:
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com
3.	Recipient:		E-mail:
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com
4.	Recipient:		E-mail:
	Owner	Pete Luizzi	pluizzi@luizzibros.com
5.	Recipient:		E-mail:
	Site Contractor	Mike Alix	malix@luizzibros.com
6.	Recipient:		E-mail:
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov
7.	Recipient:		E-mail:
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov
8.	Recipient:		E-mail:
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov
9.	Recipient:		E-mail:
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com
10.	Recipient:		E-mail:
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 5

Site Conditions				
Oct 23 2018 11:29 AM Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing pavement as additional b	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes No N/A Dufffer to prevent offsite sediment tracking.		
Continue sweeping of existing pavement.				
General Clearing & Grading: 1				
Oct 23 2018 11 34 AM Additional Comments: Monitor slope for erosion	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization and repair, as needed.	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils		
General Clearing & Grading: 2				
Oct 23 2018 11 36 AM	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils		
Additional Comments: Stabilize soils if they are to remain inactive.				

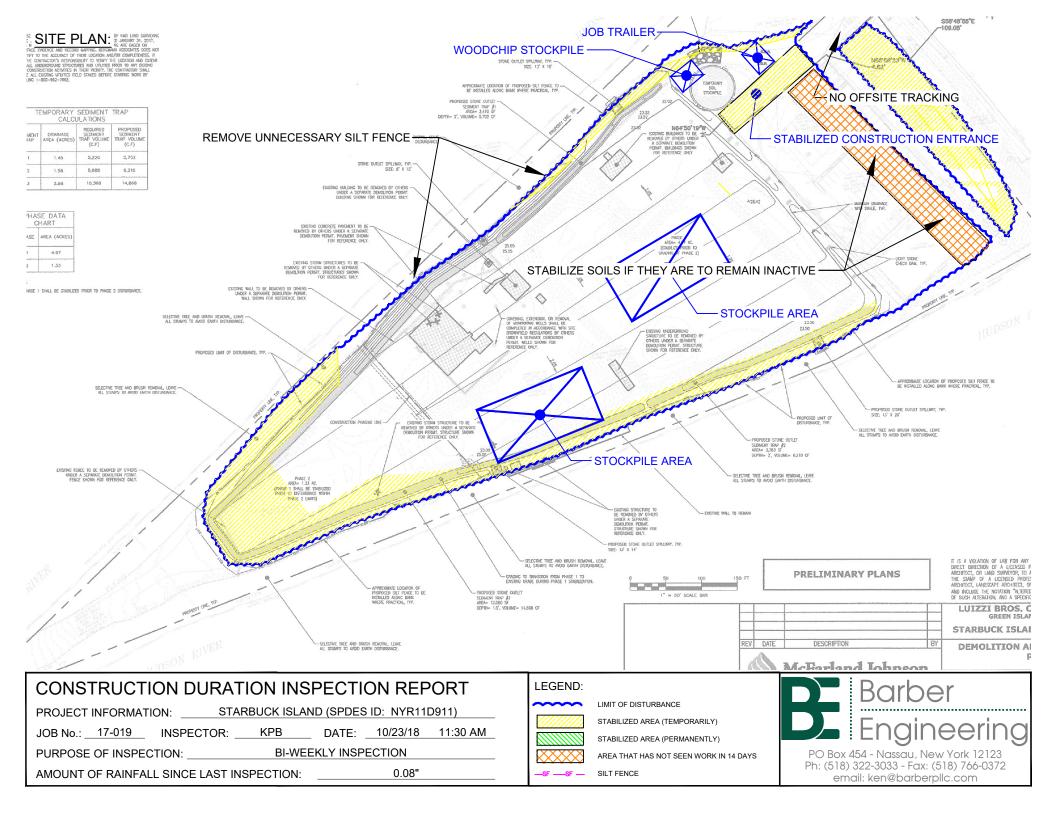
17-019 3 of 5

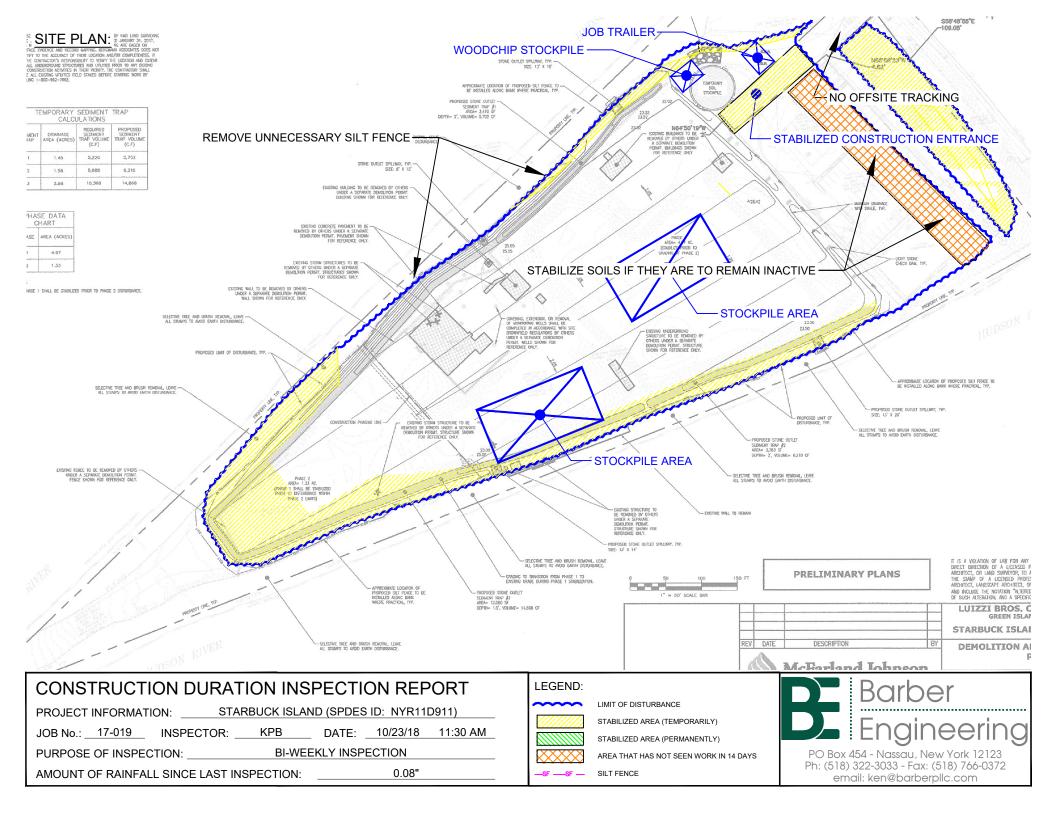
aved Area: Paved area at subgrade Utility work underway Utility work complete Subbase installed Pavement installed Green Spaces: Grading complete Landscaping complete Temporarily stabilized Permanently stabilized	Recommendations: Install perimeter protection Repair/stabilize perimeter protection Remove perimeter protection Install inlet protection Install subbase Grade and stabilize green spaces Repair eroded soils and stabilize Sediment Tracking: Yes No Sweep pavement daily, as needed Restrict traffic to paved areas
ondition: Properly maintained and effective installed pursuant to standard Traffic restricted to entrance Adequate drainage provided ecommendation(s): Install entrance Top dress entrance Repair stone entrance Continue maintenance, as nece	ds and specifications when leaving and reentering site to prevent ponding Widen stone entrance Lengthen stone entrance Sweep adjacent pavement
Silt fence in need of mainter Silt fence nearing or exceedicecommendation(s): Continue inspection and maintal Properly reinstall and maintal Repair toppled sections and Remove excess sediment and Remove fencing and replace	ing capacity intenance, as needed ain fencing maintain fencing d maintain fencing
	Paved area at subgrade Utility work underway Utility work complete Subbase installed Pavement installed Green Spaces: Grading complete Landscaping complete Temporarily stabilized Permanently stabilized Permanently stabilized Installed pursuant to standar Traffic restricted to entrance Adequate drainage provided ecommendation(s): Install entrance Top dress entrance Repair stone entrance Continue maintenance, as need of mainter Silt fence in need of mainter Silt fence in need of mainter Silt fence installed in accord Silt fence in stalled in accord Continue maintenance, as need of mainter Repair toppled sections and Remove excess sediment and Remove fencing and replace

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Woodchip Stockpile Area:				
Soils st		oile area active tabilized ate perimeter protection zed stone access insta ndation(s):	lled	
	Grade stockpile area Stabilize stockpile area		☐ Install stone access ☐ Repair stone access	
0.4.27.204.9.44.24.444	_	perimeter protection	Sweep adjacent pavement	
Ola 23, 20 to 1 National	Repair	perimeter protection		
Additional Comments:				
Protected Area: Hudson River				
	Rate of Fl	ow:	Discharge to Sensitive Area:	
	None		None Moderate	
Service Control of the Control of th	Light		Light Heavy	
	Moderate/Heavy		Turbidity in Discharge:	
	Natural Turbidity:		None Moderate/Heavy	
	None		Light N/A	
	Light		Discharge in significant contrast:	
		rate/Heavy	Yes No No N/A	
	Recomme			
Oct 23 2018 11.41.AM	_	protective fencing	Install perimeter protection	
	Stabili	ze upslope soils	Repair perimeter protection	
Additional Comments:				
Modifications to the SWPPP:				
		_		
Modification 00/21/17 The small section of silt fancing installa	d adjacent	Reason for Modification Perimeter berms have proven to be much more durable and		
09/21/17 – The small section of silt fencing installed adjacent to the river will be removed and a perimeter berm/dike will be installed along the perimeter of the site in lieu of fencing.		require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.		
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be sloped toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months.		Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.		





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Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



1	· · · · · · · · · · · · · · · · · · ·		
Name of Facility:	Permit Number:		
Starbuck Island	NYR11D911		
Location:			
Village of Green Island, New York			
Date of Inspection:	Time of Inspection:		
October 27, 2018	11:15 am		
Weather:	Rainfall Since Last Inspection:		
Rain - 39 Degrees	0.00''		
Purpose of Inspection:	Inspector:		
Bi-Weekly Inspection	KPB		

Report E-Mail Distribution List:			
1.	Recipient:		E-mail:
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com
2.	Recipient:		E-mail:
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com
3.	Recipient:		E-mail:
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com
4.	Recipient:		E-mail:
	Owner	Pete Luizzi	pluizzi@luizzibros.com
5.	Recipient:		E-mail:
	Site Contractor	Mike Alix	malix@luizzibros.com
6.	Recipient:		E-mail:
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov
7.	Recipient:		E-mail:
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov
8.	Recipient:		E-mail:
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov
9.	Recipient:		E-mail:
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com
10.	Recipient:		E-mail:
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com

Kenneth P. Barber, PE

Qualified Professional

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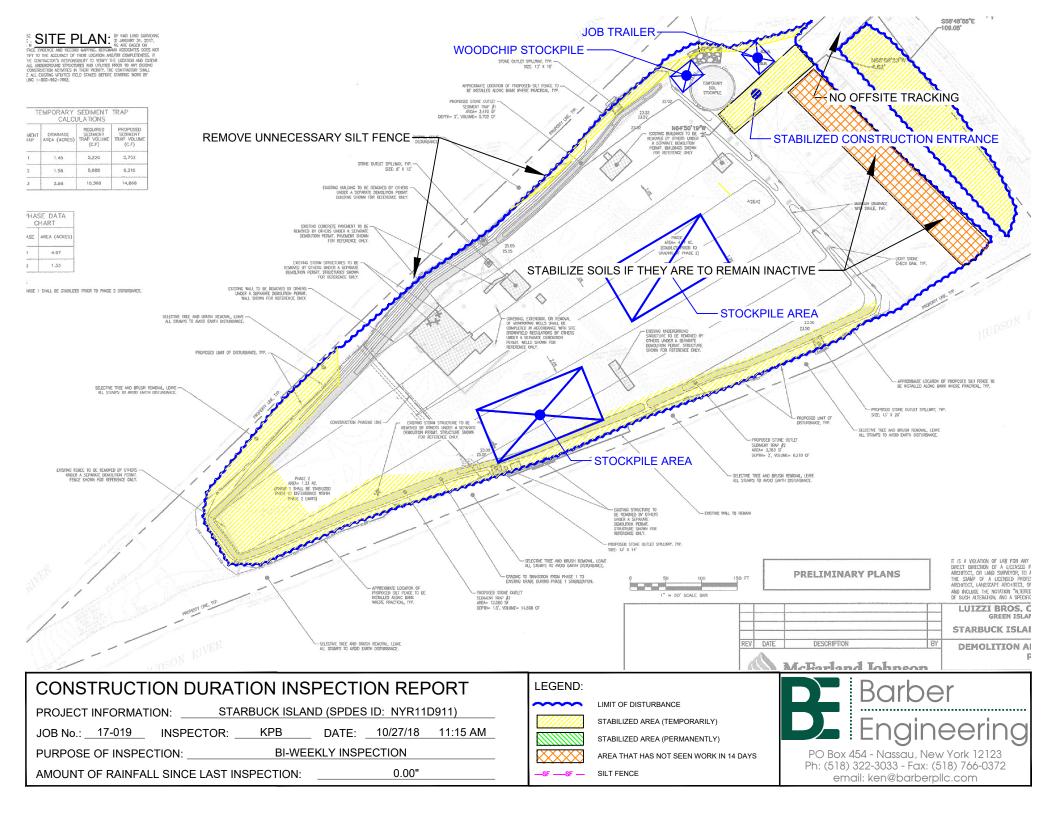
Site Stabilization					
Oct 27 2018 11:16 AM Additional Comments:	Paved Area: Paved area at subgrade Utility work underway Utility work complete Subbase installed Pavement installed Green Spaces: Grading complete Landscaping complete Temporarily stabilized Permanently stabilized	Recommendations: Install perimeter protection Repair/stabilize perimeter protection Remove perimeter protection Install inlet protection Install subbase Grade and stabilize green spaces Repair eroded soils and stabilize Sediment Tracking: Yes No Sweep pavement daily, as needed Restrict traffic to paved areas			
Additional Comments:					
Construction Entrance:					
Oct 27 2018 11:13 AM Additional Comments:	Condition:				
Perimeter Protection: Silt Fence					
Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils					
Additional Comments: Remove unneccessary silt fence.					

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Perimeter Protection: Berm				
Oct 27 2018 11 12 04	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils			
Additional Comments:				
Perimeter Protection: Berm				
Additional Comments:	Condition:			
Stocknile Area:				
Oct 27 2018 11 15 AM	Condition: Stockpile area active Soils stabilized Adequate perimeter protection Stabilized stone access installed Recommendation(s): Grade stockpile area Install stone access Stabilize stockpile area Repair stone access Install perimeter protection Sweep adjacent pavement Repair perimeter protection Temperature			
Additional Comments: Stockpile Area: Oct 27 2018 11 13 40 Additional Comments:	☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils Condition: ☐ Stockpile area active ☐ Soils stabilized ☐ Adequate perimeter protection ☐ Stabilized stone access installed Recommendation(s): ☐ Grade stockpile area ☐ Install stone access ☐ Stabilize stockpile area ☐ Repair stone access ☐ Install perimeter protection ☐ Sweep adjacent pavement			

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Woodchip Stockpile Area:				
Oct 27 2018 11:13 AM	Condition: Stockpile area active Soils stabilized Adequate perimeter protection Stabilized stone access instate Recommendation(s): Grade stockpile area Stabilize stockpile area Install perimeter protection Repair perimeter protection		☐ Install stone access ☐ Repair stone access ☐ Sweep adjacent pavement	
Additional Comments:				
Protected Area: Hudson River				
Oct 27, 2018 11:19 AM	Natural 7 None None Light Mode Recomme	rate/Heavy F urbidity: rate/Heavy	Discharge to Sensitive Area: None	
Additional Comments:				
Modifications to the SWPPP: Modification Reason for Modification				
09/21/17 – The small section of silt fencing installed adjacent to the river will be removed and a perimeter berm/dike will be installed along the perimeter of the site in lieu of fencing.		Perimeter berms have proven to be much more durable and require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.		
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be sloped toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months		Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.		



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Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



Name of Facility:	Permit Number:
Starbuck Island	NYR11D911
Location:	
Village of Green Island,	New York
Date of Inspection:	Time of Inspection:
November 2, 2018	12:00 pm
Weather:	Rainfall Since Last Inspection:
Cloudy - 60 Degrees	0.27''
Purpose of Inspection:	Inspector:
Bi-Weekly Inspection	KMT

Report E-Mail Distribution List:			
1.	Recipient:		E-mail:
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com
2.	Recipient:		E-mail:
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com
3.	Recipient:		E-mail:
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com
4.	Recipient:		E-mail:
	Owner	Pete Luizzi	pluizzi@luizzibros.com
5.	Recipient:		E-mail:
	Site Contractor	Mike Alix	malix@luizzibros.com
6.	Recipient:		E-mail:
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov
7.	Recipient:		E-mail:
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov
8.	Recipient:		E-mail:
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov
9.	Recipient:	_	E-mail:
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com
10.	Recipient:	_	E-mail:
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com

Kenneth P. Barber, PE

Qualified Professional

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Site Conditions			
Nov 02 2018 12:02 PM Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing payement as additional h	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes No N/A Dufffer to prevent offsite sediment tracking.	
Continue sweeping of existing pavement.	existing purement as additional of	differ to prevent offshe sediment ducking.	
General Clearing & Grading: 1			
Additional Comments: Monitor slope for erosion	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization and repair, as needed.	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
General Clearing & Grading: 2			
Nov. 02 Zers 12 Yers	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
Additional Comments: Stabilize soils if they are to remain inactive.			

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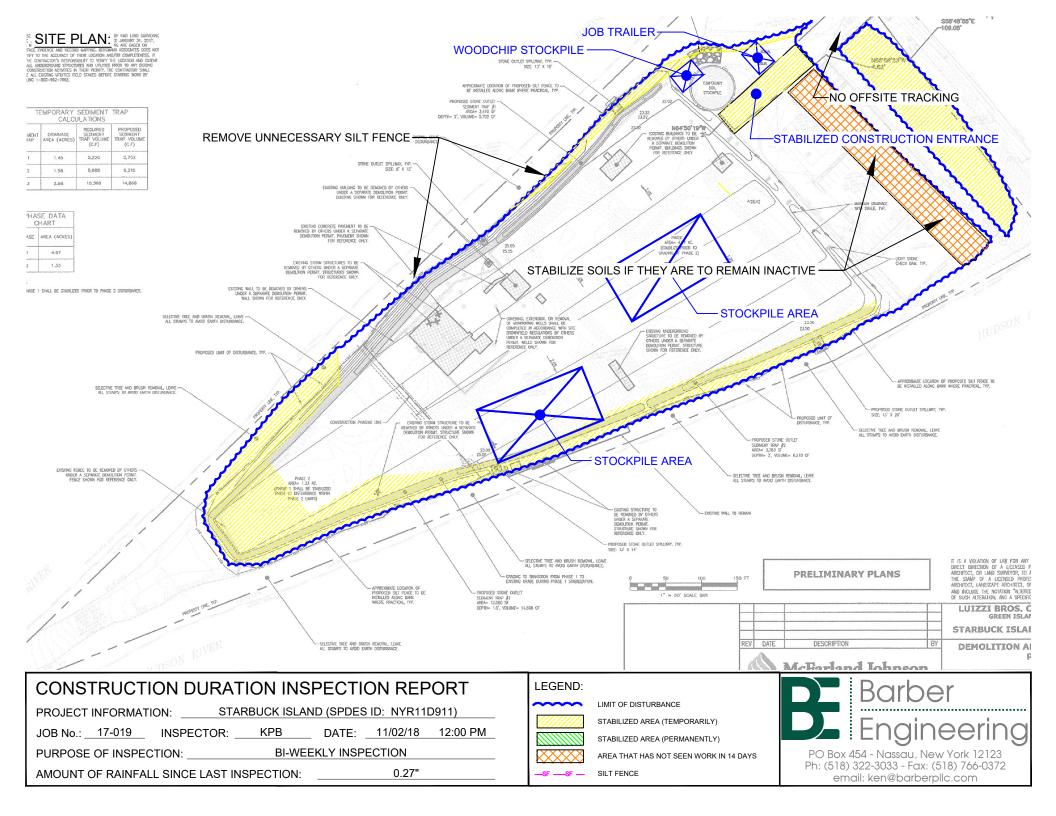
Site Stabilization			
Nov 02 2018 12 15 PM	Paved area at subgrade Utility work underway Utility work complete Subbase installed Pavement installed Green Spaces: Grading complete Landscaping complete Temporarily stabilized	mmendations: Install perimeter protection Repair/stabilize perimeter protection Remove perimeter protection Install inlet protection Install subbase Repair eroded soils and stabilize Install subbase Install subbase Repair eroded soils and stabilize Install subbase Install subba	
Additional Comments:			
Construction Entrance:			
Nov 02 2018 12:02 PM Additional Comments:	Condition:	leaving and reentering site	
Perimeter Protection: Silt Fence			
New 02 2618 13306 PM	Condition: Silt fence installed in accordance of Silt fence in need of maintenance of Silt fence nearing or exceeding cape. Recommendation(s): Continue inspection and maintenant properly reinstall and maintain fent Repair toppled sections and maintain Remove excess sediment and maintain Remove fencing and replace with Remove unnecessary fencing and sections.	or repair pacity nce, as needed ncing nin fencing ntain fencing perimeter berm	
Additional Comments: Remove unneccessary silt	fence.		

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Perimeter Protection: Berm	
Oct 30 2018 12.18 PM	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils
Additional Comments:	
Perimeter Protection: Berm	
Nov 02 2018 12 12 PM Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils
Stockpile Area:	
	Condition: Stockpile area active Soils stabilized Adequate perimeter protection Stabilized stone access installed Recommendation(s): Grade stockpile area Install stone access Stabilize stockpile area Repair stone access
Nov 02 2018 12 13 PM Additional Comments:	Install perimeter protection Repair perimeter protection Sweep adjacent pavement

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Woodchip Stockpile Area:			
	Soils s Adequ Stabili	it area active tabilized ate perimeter protection ate stone access instandation(s):	
医生态性性的 化 上	Grade	stockpile area	Install stone access
		ze stockpile area	Repair stone access
Nov 025046 12:63 PM	=	perimeter protection perimeter protection	Sweep adjacent pavement
Additional Comments:			
Protected Area: Hudson River			
	Rate of Fl	ow:	Discharge to Sensitive Area:
Section 1.	None		None Moderate
	Light		Light Heavy
	Moderate/Heavy		Turbidity in Discharge:
	Natural Turbidity:		None Moderate/Heavy
	☐ None ☐ Light		Light N/A Discharge in significant contrast:
	I = I	rate/Heavy	Yes No N/A
	Recomme	•	105 110 11/11
		protective fencing	Install perimeter protection
Nov (12/2016) 12 TUEN		ze upslope soils	Repair perimeter protection
Additional Comments:			
Modifications to the SWPPP:			
Modification			on for Modification
09/21/17 – The small section of silt fencing installed adjacent to the river will be removed and a perimeter berm/dike will be installed along the perimeter of the site in lieu of fencing.		Perimeter berms have proven to be much more durable and require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.	
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be sloped toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months.		Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.	



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Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



Permit Number:
NYR11D911
New York
Time of Inspection:
9:00 am
Rainfall Since Last Inspection:
1.66''
Inspector:
KPB

Report E-Mail Distribution List:			
1.	Recipient:		E-mail:
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com
2.	Recipient:		E-mail:
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com
3.	Recipient:		E-mail:
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com
4.	Recipient:		E-mail:
	Owner	Pete Luizzi	pluizzi@luizzibros.com
5.	Recipient:		E-mail:
	Site Contractor	Mike Alix	malix@luizzibros.com
6.	Recipient:		E-mail:
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov
7.	Recipient:		E-mail:
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov
8.	Recipient:		E-mail:
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov
9.	Recipient:		E-mail:
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com
10.	Recipient:		E-mail:
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 5

Site Conditions			
	Soil Conditions:	Discharge:	
	Dry	None	
	Wet	Light	
	Saturated	Moderate	
	Frozen	Heavy	
	Snow Covered	<u>Condition of Discharge:</u>	
	Offsite Sediment Tracking:	N/A	
	None	Clean	
	Light	Evidence of Turbidity	
	Moderate	Contrast to receiving water?	
Nov 06 2018 10:11 AM	Heavy	Yes No N/A	
Additional Comments: Contractor is maintaining	existing pavement as additional b	sufffer to prevent offsite sediment tracking.	
Continue sweeping of existing pavement.			
General Clearing & Grading: 1			
General Cicaring a Graung, 1	Clearing:	Recommendations:	
		Install stabilized entrance	
	✓ Vegetation cleared✓ Soils disturbed		
	_	Repair/maintain stabilized entrance	
	Grading:	Enlarge stabilized entrance	
	Exporting material	Restrict traffic to entrance	
	Importing material	Install perimeter protection	
	Soils stockpiled	Repair/stabilize perimeter protection	
	ESC Devices:	Install outlet for perimeter protection	
	Stabilized entrance	Stabilize exposed soils	
ANOV 08: 2018-10:15 AM	Perimeter protection	Repair eroded soils and stabilize	
	Temporary stabilization	Continue to monitor exposed soils	
Additional Comments:			
General Clearing & Grading: 2			
	Clearing:	Recommendations:	
	Vegetation cleared	Install stabilized entrance	
	Soils disturbed	Repair/maintain stabilized entrance	
	Grading:	Enlarge stabilized entrance	
- A	Exporting material	Restrict traffic to entrance	
	Importing material	Install perimeter protection	
	Soils stockpiled	Repair/stabilize perimeter protection	
	ESC Devices:	Install outlet for perimeter protection	
7 0100	Stabilized entrance	Stabilize exposed soils	
New OF PROPERTY AND ADDRESS.	Perimeter protection	Repair eroded soils and stabilize	
HARA DO SATIONES DE HARA	Temporary stabilization	Continue to monitor exposed soils	
Additional Comments:			

17-019 3 of 5

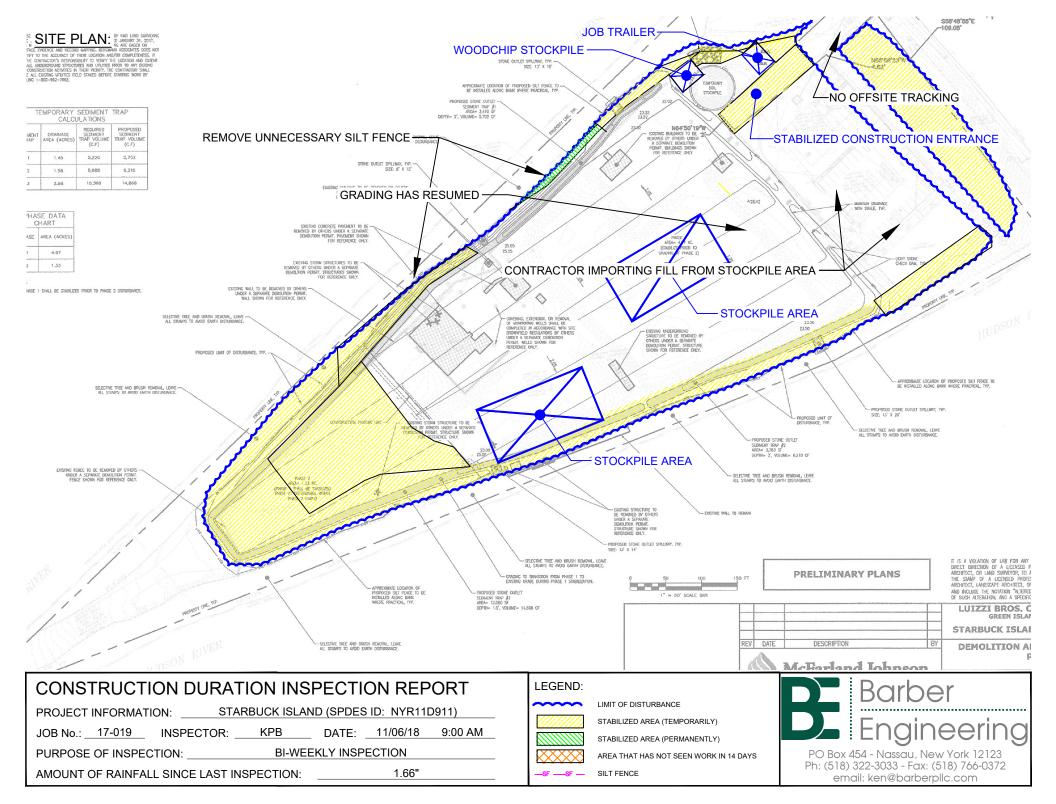
Site Stabilization			
Nov 06 2018 13 36 AM Additional Comments: Contractor has resumed in	Paved Area: Paved area at subgrade Utility work underway Utility work complete Subbase installed Pavement installed Green Spaces: Grading complete Landscaping complete Temporarily stabilized Permanently stabilized	Recommendations: Install perimeter protection Repair/stabilize perimeter protection Remove perimeter protection Install inlet protection Install subbase Grade and stabilize green spaces Repair eroded soils and stabilize Sediment Tracking: Yes No Sweep pavement daily, as needed Restrict traffic to paved areas	
Construction Entrance:			
Nov 06 2018 10 12 AM Additional Comments:	Condition: ☐ Properly maintained and eff ☐ Installed pursuant to standar ☐ Traffic restricted to entrance ☐ Adequate drainage provided Recommendation(s): ☐ Install entrance ☐ Top dress entrance ☐ Repair stone entrance ☐ Continue maintenance, as n	rds and specifications e when leaving and reentering site d to prevent ponding Widen stone entrance Lengthen stone entrance Sweep adjacent pavement	
Perimeter Protection: Silt Fence Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils Additional Comments:			

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Perimeter Protection: Berm			
Nov 06 2018 10 16 AM	Condition:		
Additional Comments:			
Perimeter Protection: Berm			
Nov 86 2518 15.35 AM Additional Comments:	Condition:		
Stockpile Area:			
AMA: North 2015 10 33 AM	Condition: ☐ Stockpile area active ☐ Soils stabilized ☐ Adequate perimeter protection ☐ Stabilized stone access installed Recommendation(s): ☐ Grade stockpile area ☐ Install stone access ☐ Stabilize stockpile area ☐ Repair stone access ☐ Install perimeter protection ☐ Sweep adjacent pavement ☐ Repair perimeter protection ☐		
Additional Comments:			

17-019 5 of 5

Woodchip Stockpile Area:			
	ndition: Stockpile area active Soils stabilized Adequate perimeter prote Stabilized stone access in		
Nov 06 2018 10.15 AM	commendation(s): Grade stockpile area Stabilize stockpile area Install perimeter protecti Repair perimeter protecti		
Additional Comments:			
Protected Area: Hudson River			
Nov 06 2018 10 25 AV	te of Flow: None Light Moderate/Heavy atural Turbidity: None Light Moderate/Heavy commendations: Install protective fencing Stabilize upslope soils	Discharge to Sensitive Area: None	
Additional Comments:			
Modifications to the SWPPP: Modification Reason for Modification			
09/21/17 – The small section of silt fencing installed adjuto the river will be removed and a perimeter berm/dike winstalled along the perimeter of the site in lieu of fencing	require much less time of year and be left in place for more reliable that	Perimeter berms have proven to be much more durable and require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.	
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be slope toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months.	Rather than crea runoff onsite to t	Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.	



17-019 Page 1 of 5

Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



	· · · · · · · · · · · · · · · · · · ·
Name of Facility:	Permit Number:
Starbuck Island	NYR11D911
Location:	
Village of Green Island,	, New York
Date of Inspection:	Time of Inspection:
November 13, 2018	11:00 am
Weather:	Rainfall Since Last Inspection:
Light Rain - 42 Degrees	0.82''
Purpose of Inspection:	Inspector:
Bi-Weekly Inspection	KPB

Rej	Report E-Mail Distribution List:			
1.	Recipient:		E-mail:	
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com	
2.	Recipient:		E-mail:	
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com	
3.	Recipient:		E-mail:	
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com	
4.	Recipient:		E-mail:	
	Owner	Pete Luizzi	pluizzi@luizzibros.com	
5.	Recipient:		E-mail:	
	Site Contractor	Mike Alix	malix@luizzibros.com	
6.	Recipient:		E-mail:	
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov	
7.	Recipient:		E-mail:	
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov	
8.	Recipient:		E-mail:	
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov	
9.	Recipient:		E-mail:	
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com	
10.	Recipient:		E-mail:	
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com	

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 5

Site Conditions			
Nov 13 2018 11:09 AM Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing payement as additional by	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes N/A N/A	
Continue sweeping of existing pavement.	emisting pavement as additional o	unior to prevent orisic seament truening.	
General Clearing & Grading: 1			
Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
General Clearing & Grading: 2			
Nov 13 2018 31.25.44	Clearing:	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
Additional Comments:			

17-019 3 of 5

General Clearing & Grading: 3			
Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
Traditional Comments.			
Construction Entrance:			
Nov 13-2018 11:10 AM Additional Comments:	Condition: ☑ Properly maintained and effective ☑ Installed pursuant to standards and specifications ☑ Traffic restricted to entrance when leaving and reentering site ☑ Adequate drainage provided to prevent ponding Recommendation(s): ☐ Install entrance ☐ Widen stone entrance ☐ Top dress entrance ☐ Lengthen stone entrance ☐ Repair stone entrance ☐ Sweep adjacent pavement ☒ Continue maintenance, as needed ☐ Regrade entrance		
Perimeter Protection: Silt Fence			
Nov 13 2018 11 23 AM	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils		
Additional Comments:			

17-019 4 of 5

Perimeter Protection: Berm			
Nev 13.20	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils		
Additional Comments:			
Perimeter Protection: Berm			
Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils		
Perimeter Protection: Berm			
IVA 13 QUITE IS AN	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils		
Additional Comments:			

17-019 5 of 5

Protected Area: Hudson River			
	Rate of Fl	ow:	Discharge to Sensitive Area:
	None		None Moderate
2	Light		Light Heavy
	Moderate/Heavy		Turbidity in Discharge:
	Natural T	Turbidity:	None Moderate/Heavy
	None		Light N/A
	\(\) Light		Discharge in significant contrast:
	Mode	rate/Heavy	Yes No No N/A
	Recomme	ndations:	
Way 13 2018 11 28 AM	Install	protective fencing	Install perimeter protection
7131 10 2010 1120 AM	Stabili	ze upslope soils	Repair perimeter protection
Additional Comments:			
Modifications to the SWPPP:			
Modification Reason for Modification			
		Perimeter berms have proven to be much more durable and	
to the river will be removed and a perimeter berm/dike will be		require much less maintenance than silt fencing. Given the	
installed along the perimeter of the site in lieu of fencing.		time of year and the likelihood the perimeter protection will	
			an extended period of time, berms are fencing. The berms and downslope areas
		more remable than	rending. The berms and downstope areas

09/21/17 – The perimeter swale and outlets will not be

installed at this time. Rather, the perimeter will be sloped

toward the interior of the site with the intent to infiltrate

runoff. Stone outlets will be installed, as needed, in the

coming months.

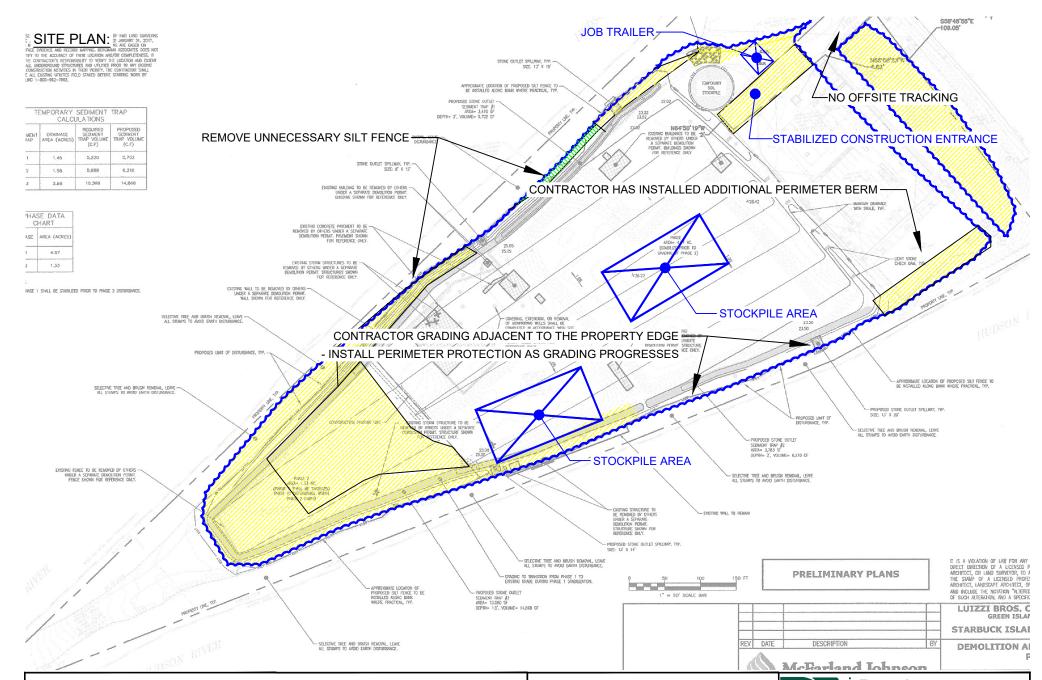
will be stabilized with wood chips and stump grindings.

the discharge points can be installed later, if needed.

Site soils are such that discharge may not be necessary at all.

Rather than create a discharge point, it is desirable to keep all

runoff onsite to the maximum extent possible. The swale and



CONSTRUCTION DURATION INSPECTION REPORT

 PROJECT INFORMATION:
 STARBUCK ISLAND (SPDES ID: NYR11D911)

 JOB No.:
 17-019
 INSPECTOR:
 KPB
 DATE:
 11/13/18
 11:00 AM

PURPOSE OF INSPECTION: BI-WEEKLY INSPECTION

AMOUNT OF RAINFALL SINCE LAST INSPECTION: 0.82"

LEGEND:

LIMIT OF DISTURBANCE

STABI
AREA

STABILIZED AREA (TEMPORARILY)

STABILIZED AREA (PERMANENTLY)

AREA THAT HAS NOT SEEN WORK IN 14 DAYS

—SF — SILT FENCE



Barber Engineering

PO Box 454 - Nassau, New York 12123 Ph: (518) 322-3033 - Fax: (518) 766-0372 email: ken@barberpllc.com 17-019 Page 1 of 6

Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



Name of Facility:	Permit Number:
Starbuck Island	NYR11D911
Location:	
Village of Green Island,	New York
Date of Inspection:	Time of Inspection:
November 28, 2018	10:30 am
Weather:	Rainfall Since Last Inspection:
Cloudy - 40 Degrees	1.18"R - 1.1"S
Purpose of Inspection:	Inspector:
Bi-Weekly Inspection	KPB

Rej	Report E-Mail Distribution List:			
1.	Recipient:		E-mail:	
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com	
2.	Recipient:		E-mail:	
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com	
3.	Recipient:		E-mail:	
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com	
4.	Recipient:		E-mail:	
	Owner	Pete Luizzi	pluizzi@luizzibros.com	
5.	Recipient:		E-mail:	
	Site Contractor	Mike Alix	malix@luizzibros.com	
6.	Recipient:		E-mail:	
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov	
7.	Recipient:		E-mail:	
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov	
8.	Recipient:		E-mail:	
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov	
9.	Recipient:		E-mail:	
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com	
10.	Recipient:		E-mail:	
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com	

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 6

Site Conditions			
Nov 28 2018 10:39 AM	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes No N/A	
Additional Comments: Contractor is maintaining Continue sweeping of existing pavement.	existing pavement as additional b	fuffer to prevent offsite sediment tracking.	
Continue sweeping of existing pavement.			
General Clearing & Grading: 1			
Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
General Clearing & Grading: 2			
Nov 28, 2018 11 21 11	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils	
Additional Comments:			

3 of 6 17-019

Construction Entrance:		
Nov 28 2018 10:39 AM Additional Comments: Contractor has extended e	Condition: ☑ Properly maintained and effective ☑ Installed pursuant to standards and specifications ☑ Traffic restricted to entrance when leaving and reentering site ☑ Adequate drainage provided to prevent ponding Recommendation(s): ☐ Install entrance ☐ Widen stone entrance ☐ Top dress entrance ☐ Lengthen stone entrance ☐ Repair stone entrance ☐ Sweep adjacent pavement ☐ Continue maintenance, as needed ☐ Regrade entrance	
Building Area		
Arov 28 2018 18 44 AM Additional Comments:	Soils cleared Recommendations: Foundation underway Install stabilized entrance Foundation complete Repair/maintain stabilized entrance Building work underway Restrict traffic to entrance Building work complete Install perimeter protection Temporarily stabilized Repair/stabilize perimeter protection Permanently stabilized Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize Stabilized entrance Repair eroded soils and stabilize Perimeter protection Control roof runoff	
Perimeter Protection: Silt Fence		
Nev 28 2018 11:17 AM	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils	
Additional Comments:		

17-019 4 of 6

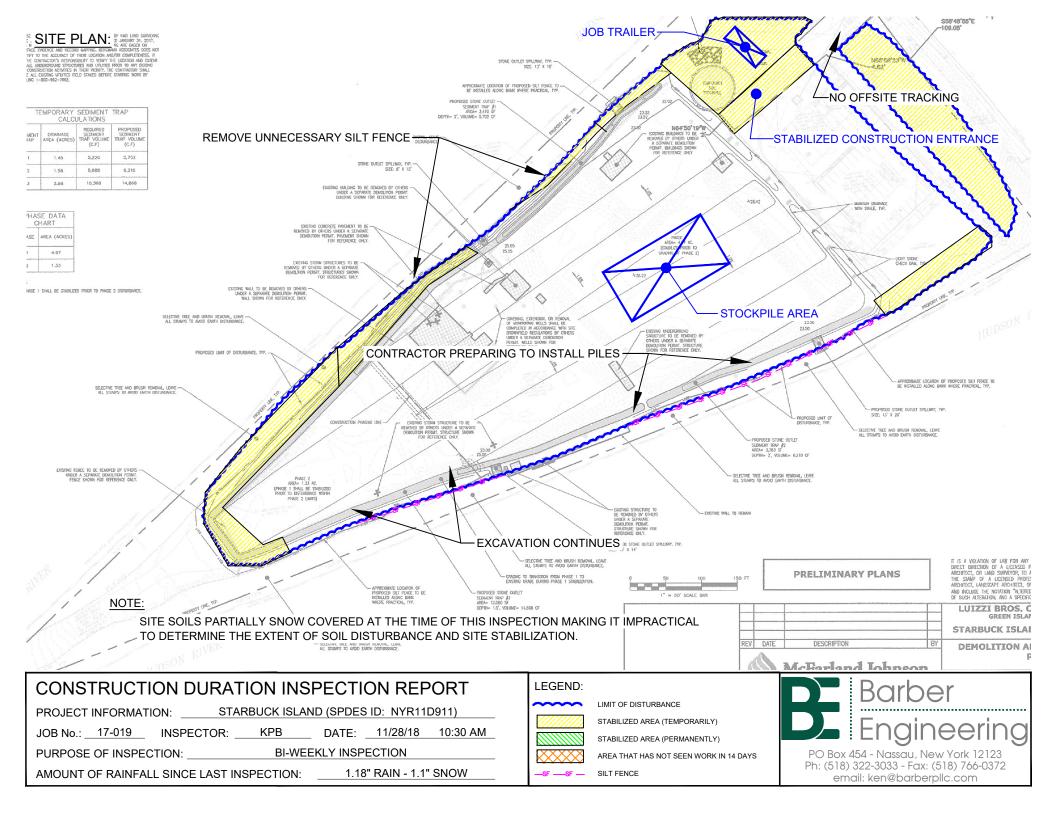
Perimeter Protection: Silt Fence			
Nov 28 2048 11 23 XW	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils		
Additional Comments:			
Perimeter Protection: Berm			
Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils		
Perimeter Protection: Berm			
May 28 2019 11 22 21	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils		
Additional Comments:			

17-019 5 of 6

Perimeter Protection: Berm			
Nov-28 2018 11 28 AM	Condition: Berm installed in accordance with NYSDEC specifications Berm in need of maintenance or repair Berm nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Stabilize berm with acceptable mulch material Repair damaged sections of berm and stabilize Install stone outlet at low point in grade Enlarge berm to provide for additional capacity Remove unnecessary berm and stabilize disturbed soils		
Additional Comments:			
Stockpile Area			
Nov 28 2018 10:45 AM Additional Comments:	Condition: Stockpile area active Soils stabilized Adequate perimeter protecti Stabilized stone access insta Recommendation(s): Grade stockpile area Stabilize stockpile area Install perimeter protection Repair perimeter protection	☐ Install stone access ☐ Repair stone access ☐ Sweep adjacent pavement	
Protected Area: Hudson River			
Hov 28 2018 ** 20 AM	Rate of Flow: None Light Moderate/Heavy Natural Turbidity: None Light Moderate/Heavy Recommendations: Install protective fencing Stabilize upslope soils	Discharge to Sensitive Area: None	
Additional Comments:			

17-019 6 of 6

Modifications to the SWPPP:	
Modification	Reason for Modification
09/21/17 – The small section of silt fencing installed adjacent to the river will be removed and a perimeter berm/dike will be installed along the perimeter of the site in lieu of fencing.	Perimeter berms have proven to be much more durable and require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be sloped toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months.	Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.



17-019 Page 1 of 6

Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



	· · · · · · · · · · · · · · · · · · ·
Name of Facility:	Permit Number:
Starbuck Island	NYR11D911
Location:	
Village of Green Island,	New York
Date of Inspection:	Time of Inspection:
December 4, 2018	10:30 am
Weather:	Rainfall Since Last Inspection:
Cloudy - 40 Degrees	0.74"R - 0.3"S
Purpose of Inspection:	Inspector:
Bi-Weekly Inspection	KPB

Rej	Report E-Mail Distribution List:			
1.	Recipient:		E-mail:	
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com	
2.	Recipient:		E-mail:	
	Site Superintendent	Bill Jewett	wjewett@luizziconstructionservices.com	
3.	Recipient:		E-mail:	
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com	
4.	Recipient:		E-mail:	
	Owner	Pete Luizzi	pluizzi@luizzibros.com	
5.	Recipient:		E-mail:	
	Site Contractor	Mike Alix	malix@luizzibros.com	
6.	Recipient:		E-mail:	
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov	
7.	Recipient:		E-mail:	
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov	
8.	Recipient:		E-mail:	
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov	
9.	Recipient:		E-mail:	
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com	
10.	Recipient:		E-mail:	
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com	

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 6

Site Conditions		
Dec 04 2018 02:09 5W Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing payement as additional b	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes No N/A uffer to prevent offsite sediment tracking.
Continue sweeping of existing pavement.	0.1	1
General Clearing & Grading: 1		
Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils
General Clearing & Grading: 2		
Dec 04 2018 02:15 PM	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils
Additional Comments: Contractor driving piles for retaining wall.		

17-019 3 of 6

Construction Entrance:		
Dec 04 2018 02:09 PM	Condition:	
Additional Comments: Contractor has extended en	ntrance as recommended.	
Building Area		
Additional Comments:	Soils cleared Recommendations: Foundation underway ☐ Install stabilized entrance Building work underway ☐ Repair/maintain stabilized entrance Building work complete ☐ Install perimeter protection ☐ Temporarily stabilized ☐ Repair/stabilize perimeter protection ☐ Permanently stabilized ☐ Install outlet for perimeter protection ☐ Stabilize exposed soils ☐ Remove lot controls and stabilize ☐ Stabilized entrance ☐ Repair eroded soils and stabilize ☐ Perimeter protection ☐ Control roof runoff	
Perimeter Protection: Silt Fence		
Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils Additional Comments:		

17-019 4 of 6

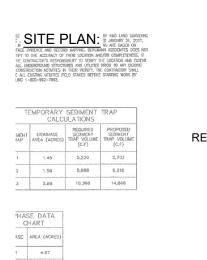
Perimeter Protection: Silt Fence		
Dec Da Will Call Ph	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils	
Additional Comments:		
Perimeter Protection: Berm	T	
Date 64 2018 02 13 50 Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils	
Perimeter Protection: Berm		
Dec 04 2018 02 14 FTV Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils	

17-019 5 of 6

Perimeter Protection: Berm		
Dec of Jet 1 A 1 PM	Berm in need of maintenance Berm nearing or exceeding of the second seco	capacity intenance, as needed ble mulch material berm and stabilize bint in grade additional capacity
Additional Comments:	Remove unnecessary berm a	and stabilize disturbed soils
Stockpile Area		
Dec 04 20:18:02:22 PM Additional Comments:	Condition: Stockpile area active Soils stabilized Adequate perimeter protecti Stabilized stone access insta Recommendation(s): Grade stockpile area Stabilize stockpile area Install perimeter protection Repair perimeter protection	Install stone access Repair stone access Sweep adjacent pavement
Protected Area: Hudson River		
Doc 04 2018 02 20 PM	Rate of Flow: None Light Moderate/Heavy Natural Turbidity: None Light Moderate/Heavy Recommendations: Install protective fencing Stabilize upslope soils	Discharge to Sensitive Area: None
Additional Comments:		

17-019 6 of 6

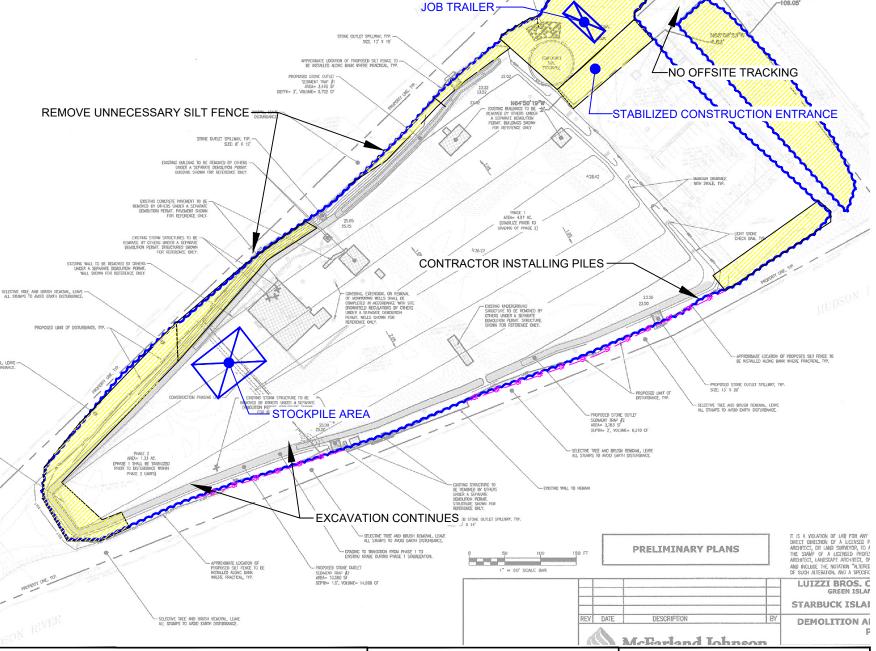
Modifications to the SWPPP:	
Modification	Reason for Modification
09/21/17 – The small section of silt fencing installed adjacent to the river will be removed and a perimeter berm/dike will be installed along the perimeter of the site in lieu of fencing.	Perimeter berms have proven to be much more durable and require much less maintenance than silt fencing. Given the time of year and the likelihood the perimeter protection will be left in place for an extended period of time, berms are more reliable than fencing. The berms and downslope areas will be stabilized with wood chips and stump grindings.
09/21/17 – The perimeter swale and outlets will not be installed at this time. Rather, the perimeter will be sloped toward the interior of the site with the intent to infiltrate runoff. Stone outlets will be installed, as needed, in the coming months.	Site soils are such that discharge may not be necessary at all. Rather than create a discharge point, it is desirable to keep all runoff onsite to the maximum extent possible. The swale and the discharge points can be installed later, if needed.



1.33

HASE 1 SHALL BE STABILIZED PRIOR TO PHASE 2 DISTURBANCE

EXISTING FENCE TO BE REMOVED BY OTHERS UNDER A SEPARATE DEMOLITION PERMIT. FENCE SHOWN FOR REFERENCE ONLY.



CONSTRUCTION DURATION INSPECTION REPORT

PROJECT INFORMATION: STARBUCK ISLAND (SPDES ID: NYR11D911)

JOB No.: <u>17-019</u> INSPECTOR: <u>KPB</u> DATE: <u>12/04/18</u> 10:30 AM

PURPOSE OF INSPECTION: BI-WEEKLY INSPECTION

AMOUNT OF RAINFALL SINCE LAST INSPECTION: 0.74" RAIN - 0.3" SNOW

LEGEND:

LIMIT OF DISTURBANCE

s s

STABILIZED AREA (TEMPORARILY)

STABILIZED AREA (PERMANENTLY)

AREA THAT HAS NOT SEEN WORK IN 14 DAYS

SF —SF — SILT FENCE



Barber Engineering

\$58"48"55"E

PO Box 454 - Nassau, New York 12123 Ph: (518) 322-3033 - Fax: (518) 766-0372 email: ken@barberpllc.com 17-019 Page 1 of 6

Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



	<u> </u>	
Name of Facility:	Permit Number:	
Starbuck Island	NYR11D911	
Location:		
Village of Green Island,	New York	
Date of Inspection:	Time of Inspection:	
December 7, 2018	9:45 am	
Weather:	Rainfall Since Last Inspection:	
Partly Cloudy - 33 Degrees	0.00''	
Purpose of Inspection:	Inspector:	
Bi-Weekly Inspection	KPB	

Rej	Report E-Mail Distribution List:			
1.	Recipient:		E-mail:	
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com	
2.	Recipient:		E-mail:	
	Site Superintendent	Chuck Pafundi	cpafundi@luizzibros.com	
3.	Recipient:		E-mail:	
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com	
4.	Recipient:		E-mail:	
	Owner	Pete Luizzi	pluizzi@luizzibros.com	
5.	Recipient:		E-mail:	
	Site Contractor	Mike Alix	malix@luizzibros.com	
6.	Recipient:		E-mail:	
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov	
7.	Recipient:		E-mail:	
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov	
8.	Recipient:		E-mail:	
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov	
9.	Recipient:		E-mail:	
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com	
10.	Recipient:		E-mail:	
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com	

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 6

Site Conditions		
Dec 07 2018 09:55 AM Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing pavement as additional be	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes No N/A uffer to prevent offsite sediment tracking.
Continue sweeping of existing pavement.		
General Clearing & Grading: 1		
Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils
Compared Cleaning P. Creatings 2		
General Clearing & Grading: 2 Dec 07 2018 10 15 AM	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils
Additional Comments:		

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Clearing:	General Clearing & Grading: 3		
Construction Entrance: Condition:	Additional Comments: Contractor driving piles for		Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize
Condition:	Predictional Comments: Contractor driving piles to	or returning warr.	
Properly maintained and effective Installed pursuant to standards and specifications Traffic restricted to entrance when leaving and reentering site Adequate drainage provided to prevent ponding Recommendation(s): Install entrance Widen stone entrance Top dress entrance Lengthen stone entrance Repair stone entrance Sweep adjacent pavement Continue maintenance, as needed Regrade entrance Foundation underway Install stabilized entrance Soils cleared Repair/maintain stabilized entrance Building work underway Restrict traffic to entrance Building work complete Install perimeter protection Permanently stabilized Repair/stabilize perimeter protection Permanently stabilized Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize	Construction Entrance:		
Soils cleared Recommendations: Foundation underway Install stabilized entrance Repair/maintain stabilized entrance Repair/maintain stabilized entrance Restrict traffic to entrance Building work underway Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize		 ✓ Properly maintained and eff ✓ Installed pursuant to standa ✓ Traffic restricted to entranc ✓ Adequate drainage provided Recommendation(s): ☐ Install entrance ☐ Top dress entrance ☐ Repair stone entrance 	rds and specifications e when leaving and reentering site d to prevent ponding Widen stone entrance Lengthen stone entrance Sweep adjacent pavement
Soils cleared Recommendations: Foundation underway Install stabilized entrance Repair/maintain stabilized entrance Repair/maintain stabilized entrance Restrict traffic to entrance Building work underway Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize			
Additional Comments:	Dec 07 2018 10:14 AM	Foundation underway Foundation complete Building work underway Building work complete Temporarily stabilized Permanently stabilized ESC Devices: Stabilized entrance	Install stabilized entrance Repair/maintain stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize Repair eroded soils and stabilize

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Perimeter Protection: Silt Fence				
Dao 97 2018 10 16 AM	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils			
Additional Comments:				
Perimeter Protection: Silt Fence				
Dec 07 2018 20 AM Additional Comments:	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils			
Perimeter Protection: Berm				
	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils			
Additional Comments:				

17-019 5 of 6

Perimeter Protection: Berm				
Dec 07 2016 10:24:8	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity			
Additional Comments:	Remove unnecessary berm and stabilize disturbed soils			
Perimeter Protection: Berm				
Dec 17 2018 40 13 A	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils			
Steelenile Avec				
Stockpile Area Additional Comments:	Condition: Stockpile area active Soils stabilized Adequate perimeter protection Stabilized stone access installed Recommendation(s): Grade stockpile area Stabilize stockpile area Install stone access Repair stone access Install perimeter protection Repair perimeter protection Repair perimeter protection			

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Protected Area: Hudson River					
	Rate of Flow:		Discharge to Sensitive Area:		
	None None		None Moderate		
	\(\sum_{\text{light}} \)		Light Heavy		
	Moderate/Heavy		Turbidity in Discharge:		
The second second	Natural T	Surbidity:	None Moderate/Heavy		
F. F.	None	-	Light N/A		
	Light		Discharge in significant contrast:		
	Moderate/Heavy		Yes No No N/A		
	Recomme	ndations:			
2010 10 00 12	Install	protective fencing	Install perimeter protection		
2018 10:20 AM	Stabilize upslope soils		Repair perimeter protection		
		1 1			
Additional Comments:					
Modifications to the SWPPP:					
Modification Reason for Modification					
09/21/17 – The small section of silt fencing installed adjacent Perimeter berms have proven to be much more durable and					
to the river will be removed and a perimeter berm/dike will be		require much less maintenance than silt fencing. Given the			
installed along the perimeter of the site in lieu of fencing.		time of year and the likelihood the perimeter protection will			
			an extended period of time, berms are		
			fencing. The berms and downslope areas		
		will be stabilized w	with wood chips and stump grindings.		

Site soils are such that discharge may not be necessary at all.

Rather than create a discharge point, it is desirable to keep all

runoff onsite to the maximum extent possible. The swale and

the discharge points can be installed later, if needed.

09/21/17 – The perimeter swale and outlets will not be

installed at this time. Rather, the perimeter will be sloped

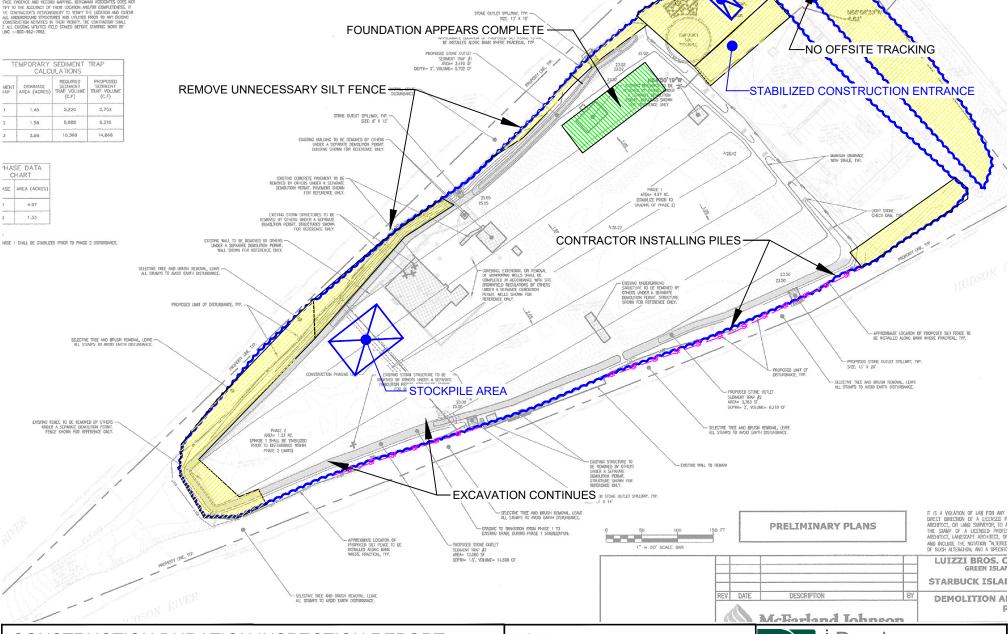
toward the interior of the site with the intent to infiltrate

runoff. Stone outlets will be installed, as needed, in the

coming months.







CONSTRUCTION DURATION INSPECTION REPORT

STARBUCK ISLAND (SPDES ID: NYR11D911) PROJECT INFORMATION: JOB No.: __17-019__ INSPECTOR: ___ KPB ___ DATE: <u>12/07/18</u> 9:45 AM **BI-WEEKLY INSPECTION** PURPOSE OF INSPECTION:

AMOUNT OF RAINFALL SINCE LAST INSPECTION:

LEGEND:

LIMIT OF DISTURBANCE

JOB TRAILER:



STABILIZED AREA (TEMPORARILY) STABILIZED AREA (PERMANENTLY)

AREA THAT HAS NOT SEEN WORK IN 14 DAYS

SILT FENCE



PO Box 454 - Nassau, New York 12123 Ph: (518) 322-3033 - Fax: (518) 766-0372 email: ken@barberpllc.com

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Site Assessment and Inspection Report (SPDES GP-0-15-002, Part IV.C.4)



<u> </u>	· · · · · · · · · · · · · · · · · · ·		
Name of Facility:	Permit Number:		
Starbuck Island	NYR11D911		
Location:			
Village of Green Island, New York			
Date of Inspection:	Time of Inspection:		
December 11, 2018	10:15 am		
Weather:	Rainfall Since Last Inspection:		
Clear - 20 Degrees	0.00''		
Purpose of Inspection:	Inspector:		
Bi-Weekly Inspection	KPB		

Rej	Report E-Mail Distribution List:			
1.	Recipient:		E-mail:	
	Owner's Representative	Josh Meppen	jmeppen@luizziconstructionservices.com	
2.	Recipient:		E-mail:	
	Site Superintendent	Chuck Pafundi	cpafundi@luizzibros.com	
3.	Recipient:		E-mail:	
	Town Official	Maggie Alix	maggie.alix@villageofgreenisland.com	
4.	Recipient:	-	E-mail:	
	Owner	Pete Luizzi	pluizzi@luizzibros.com	
5.	Recipient:		E-mail:	
	Site Contractor	Mike Alix	malix@luizzibros.com	
6.	Recipient:		E-mail:	
	NYSDEC	Mary Barrie	mary.barrie@dec.ny.gov	
7.	Recipient:		E-mail:	
	NYSDEC	Michael Komoroske	michael.komoroske@dec.ny.gov	
8.	Recipient:		E-mail:	
	NYSDEC	Alicia Barraza	alicia.barraza@dec.ny.gov	
9.	Recipient:		E-mail:	
	Choose an item.	Gianna Aiezza	gaiezza@envirospeceng.com	
10.	Recipient:		E-mail:	
	Choose an item.	Rachel Farnum	rfarnum@envirospeceng.com	

Kenneth P. Barber, PE

Qualified Professional

17-019 2 of 6

Site Conditions					
Dec 11 2018 10:24 AM Additional Comments: Contractor is maintaining	Soil Conditions: Dry Wet Saturated Frozen Snow Covered Offsite Sediment Tracking: None Light Moderate Heavy existing pavement as additional be	Discharge: None Light Moderate Heavy Condition of Discharge: N/A Clean Evidence of Turbidity Contrast to receiving water? Yes N/A			
Continue sweeping of existing pavement.					
General Clearing & Grading: 1 Dec 11 200 Additional Comments:	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils			
General Clearing & Grading: 2					
Death 2018 10 Ze all	Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protection Temporary stabilization	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils			
Additional Comments:					

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General Clearing & Grading: 3					
Clearing: Vegetation cleared Soils disturbed Grading: Exporting material Importing material Soils stockpiled ESC Devices: Stabilized entrance Perimeter protectio Temporary stabilized Additional Comments: Contractor driving piles for retaining wall.		Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Enlarge stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Repair eroded soils and stabilize Continue to monitor exposed soils			
Construction Entrance: **Date 11 2018 10 24 AM** Additional Comments:	Condition:	rds and specifications e when leaving and reentering site I to prevent ponding Widen stone entrance Lengthen stone entrance Sweep adjacent pavement			
Building Area Dec. 11 2018 10:25 AM	Soils cleared Foundation underway Foundation complete Building work underway Building work complete Temporarily stabilized Permanently stabilized ESC Devices: Stabilized entrance Perimeter protection	Recommendations: Install stabilized entrance Repair/maintain stabilized entrance Restrict traffic to entrance Install perimeter protection Repair/stabilize perimeter protection Install outlet for perimeter protection Stabilize exposed soils Remove lot controls and stabilize Repair eroded soils and stabilize Control roof runoff			

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Perimeter Protection: Silt Fence	
Liec 1 21 8 10 37 MA	Condition: Silt fence installed in accordance with NYSDEC specifications Silt fence in need of maintenance or repair Silt fence nearing or exceeding capacity Recommendation(s): Continue inspection and maintenance, as needed Properly reinstall and maintain fencing Repair toppled sections and maintain fencing Remove excess sediment and maintain fencing Remove fencing and replace with perimeter berm Remove unnecessary fencing and stabilize disturbed soils
Additional Comments:	
Perimeter Protection: Silt Fence	
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Perimeter Protection: Berm	
	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils
Additional Comments:	

17-019 5 of 6

Perimeter Protection: Berm				
Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils				
Additional Comments:				
Perimeter Protection: Berm				
Additional Comments:	Condition: ☐ Berm installed in accordance with NYSDEC specifications ☐ Berm in need of maintenance or repair ☐ Berm nearing or exceeding capacity Recommendation(s): ☐ Continue inspection and maintenance, as needed ☐ Stabilize berm with acceptable mulch material ☐ Repair damaged sections of berm and stabilize ☐ Install stone outlet at low point in grade ☐ Enlarge berm to provide for additional capacity ☐ Remove unnecessary berm and stabilize disturbed soils			
Stockpile Area				
Additional Comments:	Condition: Stockpile area active Soils stabilized Adequate perimeter protection Stabilized stone access installed Recommendation(s): Grade stockpile area Install stone access Stabilize stockpile area Repair stone access Install perimeter protection Sweep adjacent pavement Repair perimeter protection Install pavement			

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Protected Area: Hudson River						
	Rate of Flo	ow:	Discharge to Sensitive Area:			
	None		None None	Moderate Moderate		
	\(\sum_{\text{Light}} \)		Light	Heavy		
	Mode	Moderate/Heavy		Turbidity in Discharge:		
The second section	Natural T	urbidity:	None	Moderate/Heavy		
	None		Light	N/A		
	\(\sum_{\text{Light}} \)	Light		Discharge in significant contrast:		
	Moderate/Heavy		Yes No No N/A			
	Recommendations:					
2018 10:26 %	Install	protective fencing	Install perin	neter protection		
2010 10.2075	Stabili	ze upslope soils	Repair perir	meter protection		
Additional Comments:						
Modifications to the SWPPP:						
Modification		Reas	son for Modificat	ion		
09/21/17 – The small section of silt fencing installed adjacent Pe		Perimeter berms have proven to be much more durable and				
to the river will be removed and a perimeter berm/d	require much less maintenance than silt fencing. Given the					
installed along the perimeter of the site in lieu of fer	installed along the perimeter of the site in lieu of fencing.			time of year and the likelihood the perimeter protection will		
		be left in place for an extended period of time, berms are				

09/21/17 – The perimeter swale and outlets will not be

installed at this time. Rather, the perimeter will be sloped

toward the interior of the site with the intent to infiltrate

runoff. Stone outlets will be installed, as needed, in the

coming months.

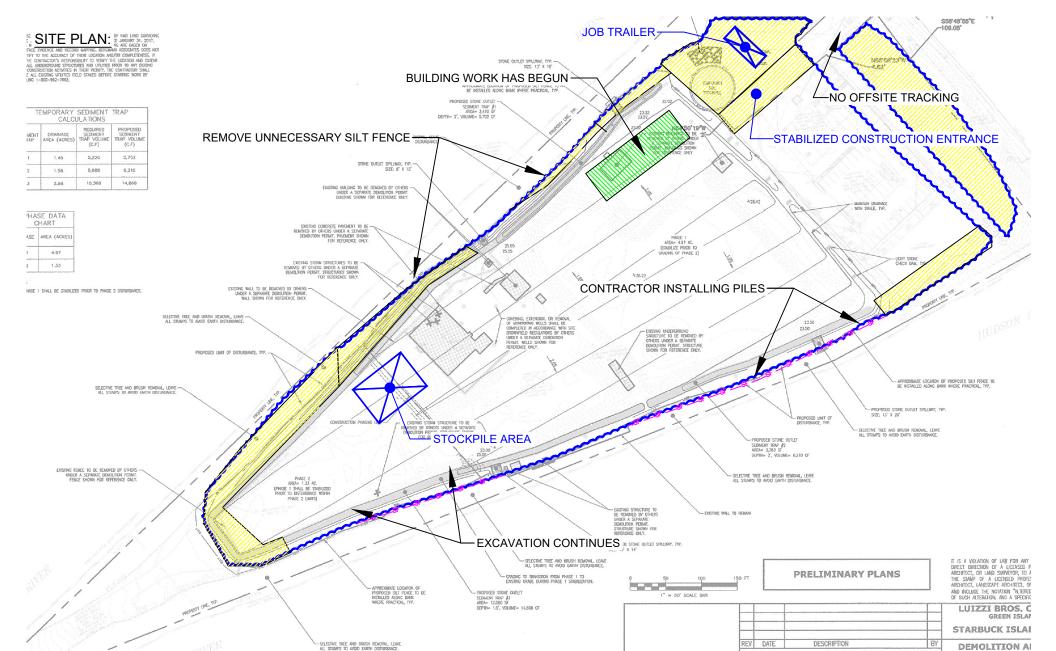
will be stabilized with wood chips and stump grindings.

the discharge points can be installed later, if needed.

Site soils are such that discharge may not be necessary at all.

Rather than create a discharge point, it is desirable to keep all

runoff onsite to the maximum extent possible. The swale and



CONSTRUCTION DURATION INSPECTION REPORT

PROJECT INFORMATION: STARBUCK ISLAND (SPDES ID: NYR11D911)

JOB No.: 17-019 INSPECTOR: KPB DATE: 12/11/18 10:30 AM

PURPOSE OF INSPECTION: BI-WEEKLY INSPECTION

AMOUNT OF RAINFALL SINCE LAST INSPECTION: 0.00"

LEGEND:

LIMIT OF DISTURBANCE

STABILIZED ARI
STABILIZED ARI
AREA THAT HAS

STABILIZED AREA (PERMANENTLY)

STABILIZED AREA (PERMANENTLY)

AREA THAT HAS NOT SEEN WORK IN 14 DAYS

PO Box 454 - Nassau, New York 12123

Ph: (518) 322-3033 - Fax: (518) 766-0372

email: ken@barberpllc.com

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McGarland Johnson

Barber Engineering