From:
Sent:
Thursday, August 01, 2013 3:17 PM

To:
Cc:
Subject:
Re: Revised Dredging Plan

@gw.dec.state.ny.us>
@hdrinc.com
@hdrinc.com

The Department has reviewed and hereby approves the decanting procedure described in the dredging plan submitted with your email below as consistent with permit condition 27. I understand a more formal submittal will be provided when available.

>>> <u>@newnybridge.com</u>> 8/1/2013 2:03 PM >>>

Tappan Zee Constructors (TZC) has provided the attached, revised dredging plan which is intended to address the comments you made in your July 26, 2013 email. The revised text regarding the decanting has been highlighted in the attached and provided for your review.

A more formal submittal, with transmittal letter from TZC will be provided before when it is available. Let me know if you have any questions or require anything further.

TZC expects to being dredging tomorrow morning. I understand that approval is required prior to decanting, per condition 27.

Please review and let us know if any further changes are required before approval.

The information contained in this electronic message and any attachments to this message are intended for the exclusive use of the addressee(s) and may contain information that is confidential, privileged, and/or otherwise exempt from disclosure under applicable law. If this electronic message is from an attorney or someone in the Legal Department, it may also contain confidential attorney-client communications which may be privileged and protected from disclosure. If you are not the intended recipient, be advised that you have received this message in error and that any use, dissemination, forwarding, printing, or copying is strictly prohibited. Please notify the New York State Thruway Authority immediately by either responding to this e-mail or calling (518) 436-2700, and destroy all copies of this message and any attachments.



| July 31, 2013 | Ref: |
|---|------|
| The New NY Bridge Project | |
| 303 S. Broadway, Suite 413 Tarrytown, NY 10591 Telephone: | |
| Re: /D214134 - | |

Subject: Access Channel Dredging Plan for Permit REV 3 NYSDEC Facility ID DEC ID 3-9903-00043/00012

Please find attached the revised Dredging Plan provided by our dredging subcontractor, Weeks Marine, Inc. (WMI), for dredging of the project Access Channels in the Hudson River. Revisions to the plan were made in response to comments received from the NYSDEC via email from the Authority on July 29, in reference to the submittal in letter

This revised version of the plan includes amendments to the section addressing permit condition 27 which now describes the handling and disposal of sediment contained in the decant water holding barge.

To again clarify, section 21 has the complete list of facilities proposed for processing, transfer, and disposal of dredged materials which are located out State. WMI does not intend to use any site in the State of New York for upland handling, transferring, storage, disposal, or placement of dredged material from the New NY Bridge Project.

Commencement of Dredging for Phase I, in is scheduled to begin at 6:00 AM on Friday August 2, 2013 pending receipt of necessary approvals.



Very truly yours

Project Manager
Tappan Zee Constructors, LLC

Attachment Access Channel Armoring Plan From:

Sent:

Monday, July 29, 2013 8:19 AM

To:

Subject:

FW: Fwd: Dredging Plan

----Original Message----

gw.dec.state.ny.us]

Sent: Friday, July 26, 2013 11:41 AM

Subject: Re: Fwd: Dredging Plan

following are the Department's comments on the dredge plan submitted with your 7/22/13 email:

- -- The plan should include a description of how the settled sediment in the decant holding barge will be managed/disposed. This should describe how often sediments will be removed in order to maintain adequate settling, how it will be removed, and how and where will it be taken (eg, transferred to another barge). Also the plan should describe if there will be more than one decant holding barge.
- -- Tappan Zee Constructors, LLC's July 19, 2013 letter states that Weeks Marine, Inc., "does not intend to use any site in New York State to for upland placement, handling, transferring, storage, disposal, or placement of dredged material" from the project. Yet the Department has received a Beneficial Use Determination petition seeking authorization for placing project sediments at a site in Staten Island, NY. As pointed out previously, the use of a site in New York State must be approved by the Department "before dredging begins" (see Permit Condition 21). Unless modified, this prohibits use of a site in New York State once dredging starts. As with the current dredge plan any such proposal must include a complete description of the dredge material management procedure, from dredging to placement and all steps in between.

If you have any questions please feel free to call me.

>>> 10:42 AM >>>

@newnybridge.com> 7/22/2013

Attached you will find a revised Access Channel Dredging Plan prepared by TZC to comply with permit conditions 20-35. TZC would like to begin dredging at 12:01am on August 1. We respectfully request approval of this plan at your earliest convenience. Should you have any questions, please don't hesitate to call or email me.

Environmental Manager New NY Bridge Project

The New NY Bridge Project



June 28, 2013

The New NY Bridge Project NYS Thruway Authority 303 South Broadway, Suite 413 Tarrytown, NY 10591

Project Manager Tappan Zee Constructors, LLC P.O. Box 10 Tarrytown, NY 10591

CONTRACT: D214134 DOC REF:

SUBJECT: NYSDEC DREDGING COMMENTS

Dear

We have received the following comments from New York State Department of Environmental Conservation (DEC) on the *Access Channel Dredging Permit Plan*, *Rev 1* dated June 17, 2013.

- The section addressing condition 21, on Page 9, identifies three New Jersey "processing and or rehandling" facilities. The list is an "example of facilities in the process of being negotiated at this time. Additional facilities are being explored and will be added to this Plan as they become available." Thus, as written this section gives no definitive information as to the fate of dredged sediment. Rather, it lists three facilities where the sediment may be processed.
- Before dredging begins, advise the DEC where the dredged sediments will be processed, how they will be processed and where they will be ultimately placed.
- The section states that any New York sites "that may become available" "will be submitted for approval before they are utilized." This statement is inconsistent with condition 21, which requires that a New York State site used for "upland handling, transferring, storage, disposing or placing of dredged materials" will require Department approval "before dredging begins". Unless modified, this condition prohibits use of a New York State site once dredging begins.
- DEC has requested plan view and cross sectional views depicting the existing bottom contours and proposed dredge depths, additional to those provided with the joint application.

Tappan Zee Constructor's response to these comments is required in sufficient time to allow the DEC to approve the Dredging Plan, as required by permit condition 19, prior to the commencement of dredging.

Sincerely,

Project Director

The New NY Bridge Project

Prepared by:

July 31, 2013 June 7, 2013

NYDEC Albany Headquarters 625 Broadway 4th Floor Albany, NY 12233

Attention:

Chief Permit Administrator

Reference:

Dredging Plan Submittal_Rev* 4

DEC ID 3-99903-00043/00012

Dear

In accordance with the New York State Department of Environmental Conservation Permit for Facility DEC ID 3-9903-00043/00012 the following document is submitted as the Dredging Plan.

Should you have any questions concerning any information contained herein please do not hesitate to contact us.

Sincerely,

North East Area Operations Manager Weeks Marine, Inc.

INTRODUCTION:

The following Dredging Plan addresses conditions 20 thru 35 of the Dredging Section of the Permit referenced as NYDEC Facility ID DEC ID 3-9903-00043/00012.

In addition to the Permit listed above this Plan addresses compliance with the USACE Permit Number NAN-2012-00090, the USCG Bridge Permit (3-13-1), and NMFS Biological Opinion for Activity NER-2013-9592.

Reference material used in preparing this document is contained in NYDEC Division of Water Technical and Operational Guidance Series 5.1.9, "In-Water and Riparian Management of Sediment and Dredged Material" dated November 2004 and the above referenced Permits.

DREDGING:

Condition 20

Dredging may be conducted from August 1 to November 1, only, in any calendar year.

At least 24 hours prior to the commencement of dredging Weeks Marine, Inc. will notify the USCG of the start of work, the expected completion date, the hours of the day the work will be performed, the names of the vessels on scene, the VHF radio channels the vessels will monitor, and the Project's 24/7 point of contact. Contact with USCG will be coordinated with Tappan Zee Constructors, LLC (TZC) and NY State Thruway Authority (NYSTA). This information will be faxed to

USCG Commander Activities New York (wob) 212 Coast Guard Drive Staten Island, NY 10305

No less than 24 hours prior to commencement of dredging Weeks Marine, Inc. will inform the local waterway users of the start of the work using the "Local Notice to Mariners". Information about the dredging operations will be faxed to

Commander (oan) First Coast Guard District 408 Atlantic Avenue Boston, MA 02111-3350

Prior to August 1, 2013 Weeks Marine, Inc. will coordinate with the TZC Environmental Point of Contact. This will allow for water quality monitoring infrastructure to be in place prior to commencement of dredging.

At 0600 on 08/01/2013, Weeks Marine, Inc. intends to commence dredging operations. Dredging will occur on a 24 hour basis, 7 days a week until all required material is dredged from the East and West Dredge Areas located north of the existing bridge. These areas contain a combined

800,000 cys of required and allowable overdepth. The minimum production rate required to complete operations within this time frame is 8,695 cys per day.

This production rate will be achieved by committing two dredges at the site during the duration of the job. The two dredges combined are capable of producing over 1,200 cys per run hour. Committing two dredges to the project will assure redundancy and allow for anticipated inefficiencies in the dredging cycle, while effectively completing the project within the allowed time frame.

This work will be conducted in a manner that the free navigation of the waterway is not unreasonably interfered with and the present navigational depths are not impaired. Timely notice of any and all events that may affect navigation shall be given to the District Commander during the performance of the work. Dredging methods will be employed to ensure that there is no increase in sedimentation and turbidity outside of the 500 ft mixing zone during the work.

At all times during performance of the work a copy of the USACE Permit will be kept upon all vessels engaged in dredging and transporting the dredged materials.

At all times during the performance of the work reasonable accommodations will be made to transport NMFS certified observers to and from both dredges to ensure that observer coverage is sufficient for 100% monitoring of dredging operations. Weeks Marine, Inc. understands that the monitoring coverage must involve the placement of a NMFS approved observer on board the dredge for every day that dredging is occurring. Prior to the start of the work the NMFS approved observer liaison will be provided with a 24/7 point of contact associated with the dredging operation. Transport to the dredges will be coordinated through that point of contact.

Once aboard the dredges an area will be dedicated to allow the observers to safely view the bucket operations in a manner that does not impede normal production rates.

In addition to accommodations made for transport to the dredges, Weeks Marine, Inc. will make available all information and contacts for the NMFS certified observers to be present during disposal operations. Coordination will occur in accordance with the TZC Dredging and Pile Driving Monitoring Plan.

Condition 21

This Permit authorizes no upland handling, transferring, storage, disposing or placing of dredged materials in New York State; any such activity will require approvals from the Department before dredging begins.

All material that is dredged from the site will be directly placed into sealed scows and shipped via tug to a permitted processing and or re-handling facility.

Processing Sites:

A minimum of Portland cement will be utilized as the sole admixture for solidifying and stabilizing dredged material from the East and West Areas of the Project.

The addition of the Portland cement will take place either in barge, or on-shore via a pugmill depending on the processing location (see below).

The final product of either processing method is a soil-like material suitable for structural fill or capping purposes.

The sites proposed to be utilized for processing and/or off-loading then processing (as noted) include as follows:

Clean Earth Dredging Technologies, Inc. (CEDTI) Claremont Dredged Material Processing Facility One Linden Avenue East Jersey City, NJ 07305 (Off-loading and pugmill processing)

Clean Earth Dredging Technologies, Inc. (CEDTI) Koppers Dredged Material Processing Facility 1 Fish House Road Kearny, NJ 07032 (Off-loading and pugmill processing)

Don Jon Marine Co., Inc.
Dredge Material Processing Facility
Berth 36
Port Newark, NJ
(In-barge processing and off-loading)

Weeks Marine, Inc.
On-Water Dredge Processing Facility
Foot of Colony Road
Jersey City, NJ
(In-barge processing only)

Off-loading Sites (in-barge processed material):

For in-barge processing facilities each processed scow of dredge material will be allowed to cure for approximately 24 hours, or as needed, prior to offloading to provide better handling characteristics for the material, i.e. soil like versus thin mud.

At the Don Jon site the offloading will occur at both the processing site described above and the offloading site included below. The processed dredge material will either be placed into a stockpile and then into tri-axle trucks or loaded directly into tri-axle trucks for transport to the designated approved upland sites described further in this section.

Prior to exiting the facilities, each truck will have its tires and body washed down. This will prevent tracking of material onto public roadways. Each truck will receive a bill of lading. This bill of lading will be utilized at the landfill to record each truck received and its placement location site.

Material that is in-barge processed at the Weeks Marine, Inc. facility will be transported by tug to a temporary mooring and off-loading area in the Arthur Kill River immediately adjacent to the DuPont-Grasselli site.

At the temporary mooring a stevedoring crane will unload the processed material from the barges and place it directly on the DuPont – Grasselli property. Best Management Practices during the off-loading of the processed dredge material onto the Grasselli site will include controlling the swing rate of the off-loading crane and using spill plates as necessary to prevent discharge into the waterway during off-loading.

Material off-loaded at the Grasselli site will remain there for beneficial use placement.

The following sites are proposed to be utilized as off-loading sites of In-barge processed dredge material only:

DuPont – Grasselli Point Location Temporary Offloading and Transfer Facility Grasselli Point Road Linden, NJ (Weeks Marine, Inc. in-barge processed material)

SIMS Metal Management NE
Offloading and Transfer Facility
Berth 30
Port Newark, NJ
(Don Jon Marine, Inc. in-barge processed material)

Upland Placement & Disposition Sites:

Material processed at the Clean Earth Dredging Technologies, Inc. sites and the Don Jon Marine, Inc. site will be hauled by tri-axle truck to the sites listed below.

Prior to exiting the processing facilities, each truck will have its tires and body washed down. This will prevent tracking of material onto public roadways. Each truck will receive a bill of lading. This bill of lading will be utilized at the landfill to record each truck received and its placement location site.

Prior to exiting the upland placement area each truck will have its tires and body washed down to prevent tracking material onto public roadways.

The processed dredge material is proposed for upland disposal or beneficial use at multiple sites in New Jersey and Pennsylvania. These sites are as follows:

DuPont – Grasselli Beneficial Use Site South Wood Avenue Linden, NJ 07036

Koppers Seaboard Site 1 Fish House Road Kearny, NJ 07032

AHA Meadowlands Landfill Closure Site Lyndhurst, NJ Rutherford, NJ

Bellmawr Waterfront Development Site 204 Harding Avenue Bellmawr, NJ 08031

269 Canal Road L.P.269 Canal RoadFairless Hills, PA 19067

Bethlehem Earth, L.P. Site Bethlehem Steel Slag Processing Area Bethlehem, PA

Coplay Aggregates Quarry Reclamation Project West Coplay Road Coplay, PA

Former National Lead Site Sayreville Seaport Associates, L.P. ("SSA") Sayreville, NJ

Fenimore Landfill Site Adjacent to Mountain Road Roxbury Township, NJ

All of the facilities and sites listed above are included in the Acceptable Use Determination (AUD) application submitted to NJDEP on June 30, 2013 for the offloading, processing and disposal of dredged material from the New Tappan Zee Bridge Project, Tarrytown, NY.

Condition 22

Barge Overflow is prohibited.

Weeks Marine, Inc. understands that barge overflow is prohibited. All operators and crew members will be instructed of this prior to the start of dredging operations.

No barge overflow will be allowed during any part of the dredging cycle. All loaded scows will be shipped with adequate freeboard for the conditions at the time of shipment to allow for no barge overflow.

Condition 23

Dredging must be conducted using a closed clamshell dredge, Drawings and specifications of the closed clamshell bucket and other dredging equipment, including specifications demonstrating that appropriate design considerations are incorporated in the equipment, must be provided to the Department at least 45 days before dredging related activities start.

Weeks Marine, Inc. will be utilizing the Cable Arm, Inc. closed clamshell buckets contained in Appendix C of this Document.

These closed clamshell buckets have a sealing system that minimizes the loss of material during transport through the water column. Any excessive loss of water from the buckets during the duration of the Project will be investigated and repaired.

Condition 24

The bucket must be lifted in a continuous motion through the water column and into the barge. Bucket decanting and loss of dredged material into the River during barge loading will be minimized to the maximum extent practicable.

Weeks Marine, Inc. will employ experienced operators that will have sufficient control over bucket depth, bucket closure, and bucket hoist speed during the duration of the work. Any malfunction of these controls will be reported immediately and corrected.

Condition 25

Dredging equipment must be operated in a manner that minimizes the re-suspension of sediments in the Hudson River. Dredging operations may not cause turbidity that results in a substantial visible contrast to the Hudson River outside of the 500 ft mixing zone as set forth in the Water Quality Monitoring Section of the Permit.

The closed clamshell buckets contained in Appendix B reduce the amount of suspended solids in the upper water column at the dredging location. The movement of the spuds on the dredge will be controlled in a fashion that will minimize turbidity.

The dredges will be equipped with the maximum sized buckets that can be installed on each. This will minimize the amount of suspended solids dispersed during dredging operations by reducing the number of "bites' needed to dredge at each particular site.

Turbidity monitoring will be conducted as stated in the Water Quality Monitoring Plan. Results of the monitoring will be communicated to the dredge superintendent and adjustments or controls will be put into place if turbidity approaches permit condition requirements.

Condition 26

Best management practices include lowering the bucket to the level of the barge gunwales prior to release of the load and placing the dredged material in the barge in a controlled manner. Excessive loss of material from the bucket should be investigated and repaired. Bucket retrieval rates will be controlled to minimize turbidity.

Prior to starting the work all dredge operators will be instructed of best management practices (BMP's) which include lowering the bucket to the level of the barge combing prior to releasing the load and placing the dredge material in the barge in a controlled manner.

Bucket retrieval rates will be closely monitored.

Condition 27

If decanting of barges is necessary, a detailed plan must be submitted to the Department for approval before decanting may start.

Weeks Marine, Inc. does not intend on doing any direct decanting of loaded scows into the Hudson River.

A decant water holding barge will be mobilized to the site. The loaded scows will have any excess water pumped off into the holding barge before they are shipped for disposal. The suction hose that is used for de-watering will be screened to minimize the passing of solids through to the decant barge.

The decant water holding barge will be certified as sealed and will have capacity for retaining decant water for over 24 hours prior to discharge to the water column. This barge will also act as a stake boat for loaded and unloaded scows to moor prior to towing.

The barge that is intended to be used is the Weeks 070 Barge, which is a converted NYDOS Barge. The holding capacity of this barge is approximately 280,000 gallons of water. This capacity is estimated to accommodate 48 hours of dredging time. If the estimated necessary capacity is short, an additional NYDOS barge, or Seminole barge will be taken out of the dredge material rotation and moored alongside the decant barge adding additional capacity.

The water will be pumped from the barge through a discharge hose that is submerged to minimize turbidity.

At the completion of dredging, and before demobilizing the decant water from all holding barges will be allowed to completely settle and as much water as practicable will be pumped back into the Hudson River. All decant water holding barges will be towed from the site to one of the processing facilities listed in Condition 21. The settled material will then be processed and disposed of as all of the other project dredge material was.

It is not anticipated that the settled material will inhibit capacity as to where the decant barges would need to be towed from site and emptied until the end of the job.

It is expected that the decant water barge will have ample capacity to allow settling time before it is pumped out. If a flocculent is needed to enhance settling the form "Water Treatment Chemical Usage Notification Requirements for SPDES Permittee" will be submitted and approved by NYDEC prior to use.

De-watering of the holding barge will be conducted in a manner that precludes adding substantial suspended solids, turbidity or sheens of the receiving water body. During de-watering operations, great care shall be taken to avoid re-suspending or pumping previously settled sediment.

De-watering of the holding barge will be conducted in a manner that does not cause turbidity that result in a substantial visible contrast to the Hudson River outside of the 500 ft mixing zone as set forth in the Water Quality Monitoring section of the Permit. In the event that this requirement is exceeded, the Department will be notified immediately and corrections will be made to control this.

Condition 28

All side slopes of the dredged channel will have a maximum slope.

Dredging will only occur between the bottom toe lines of the dredge template. The intent of this project is to clear the pilot channel to the permitted lines and grades shown in the Project Drawings. These lines and grades call for a ft channel with ft of allowable overdepth and naximum side slopes. At all times each dredge will be equipped with real time positioning and computer guidance, allowing the operator to know the location of the dredge and the bucket relative to the dredge cut.

Daily hydrographic surveys will be conducted behind the dredges to monitor the finished cut and confirm that the dredges are digging to the permitted lines and grades of the Project Drawings.

Condition 29

The Permittee will monitor the sedimentation rate within the Piermont Marsh, prior to and during dredging operations. A plan detailing the procedures the Permittee will employ for this task must be submitted to the Department no less than 60 days before dredging starts.

This condition is not applicable to Weeks Marine, Inc.'s scope of work. It is being addressed under separate cover by others.

Condition 30

All sediment transporting barges must be inspected and certified as properly sealed.

Before any scow arrives at the dredging site it will be thoroughly inspected and certified as sealed. Inspection sheets and certifications will be made available to the Department on request. Any leaks or damage that occurs to the scows during operations will be repaired immediately. These damaged scows will be pulled from use until proper repairs are made. After the repairs are made the scow will be re-inspected, and then re-certified for use.

Condition 31

Loss of material during transport is prohibited.

The material will be loaded into the scows to a point that allows enough freeboard around the edges and below the combing for movement of the scow during transport. The dredge operators will be instructed to switch out scows before they are filled to a point where sudden movements will cause material to spill over the combing of the barge during transport operations.

Condition 32

If material is transferred between barges, measures must be implemented to minimize the potential for discharge to the river, as described in the FEIS.

Weeks Marine, Inc. does not intend to transfer material between barges in executing this work.

Condition 33

Sidecasting of dredged sediment is prohibited.

Weeks Marine, Inc. understands that side casting of dredged material at the dredge site is prohibited and does not intend to execute the work at the dredge site in this manner.

Condition 34

By January 30 following every calendar year in which dredging has occurred the Permittee must submit to the Department a Dredging Report specifying the location and amount of sediments dredged and deposited either uplands or at the HARS.

Weeks Marine, Inc. understands that no material removed from the East and West dredging areas of the Project site will go to the HARS.

Each scow that is loaded will be logged as shipped, and then logged at its unloading point. This Report will be updated daily. Examples of these Reports are included in Appendix E.

A Final Report will be generated stating where the final deposition point is for all material removed during the contract.

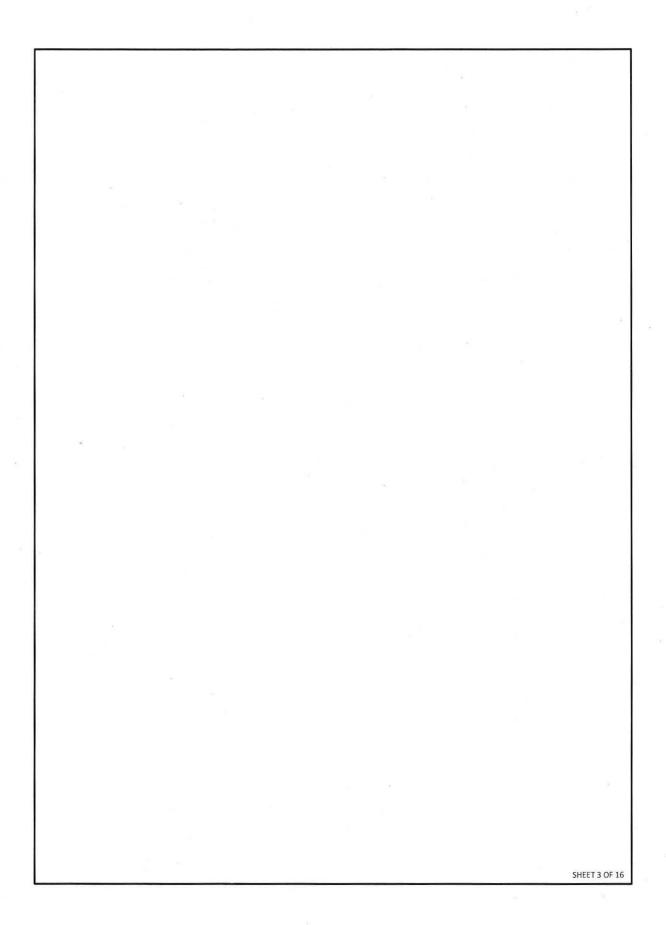
The Final Report will be submitted to the Department before January 30 of the following calendar year.

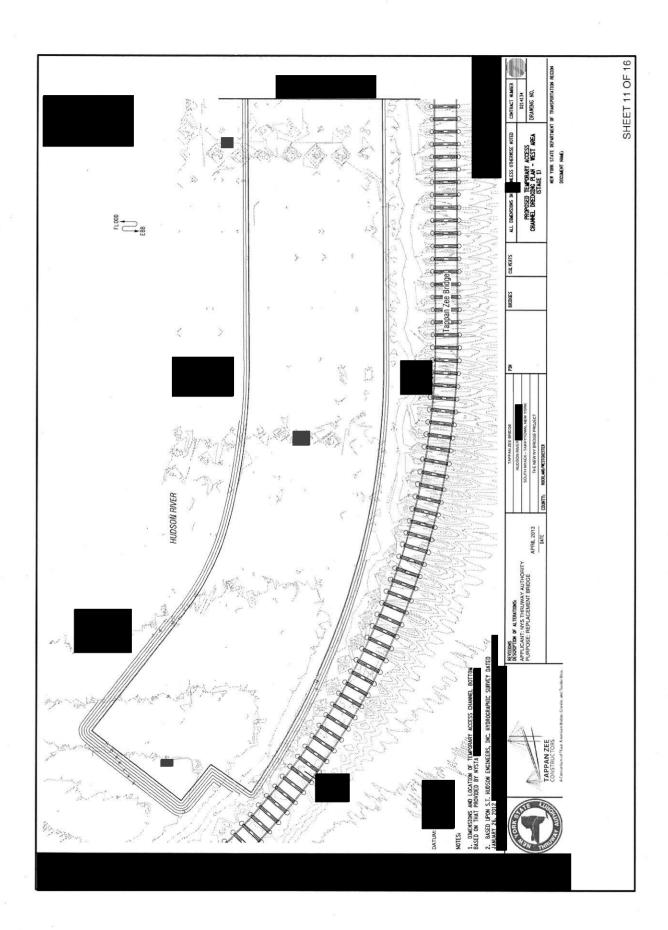
In addition to the NYDEC reporting requirements a report that summarizes dredging operations will be issued and made available to NMFS by December 31, 2013. This report will include information on the dates of dredging, the volume of material removed, the number of trips to the disposal sites, and copies of the NMFS approved observer reports.

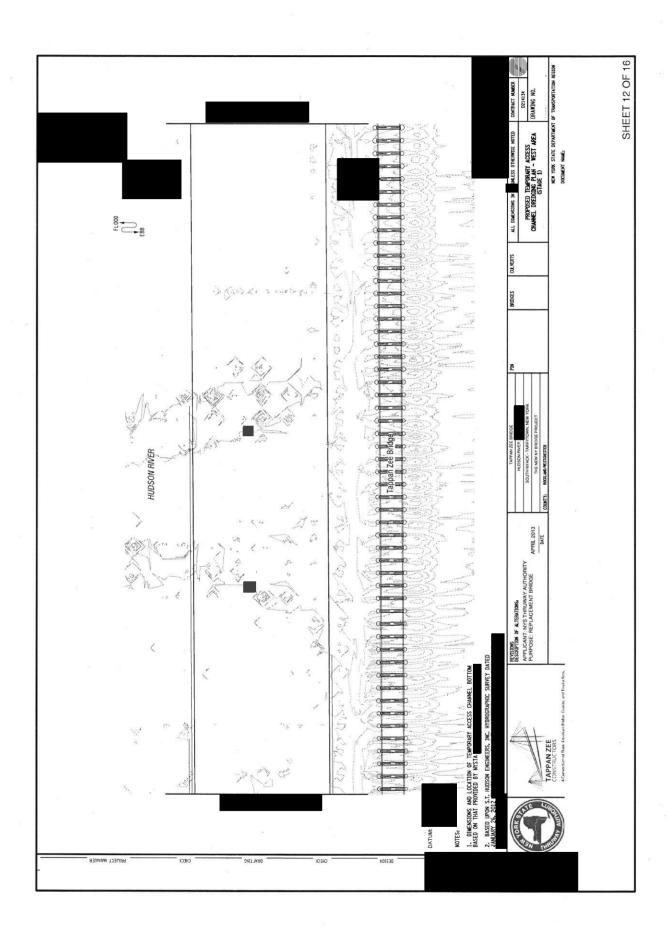
Condition 35

The top three feet of East Sediment Mound #3 near the existing bridge must be removed. Weeks Marine, Inc. understands that this condition will be addressed at a later date.

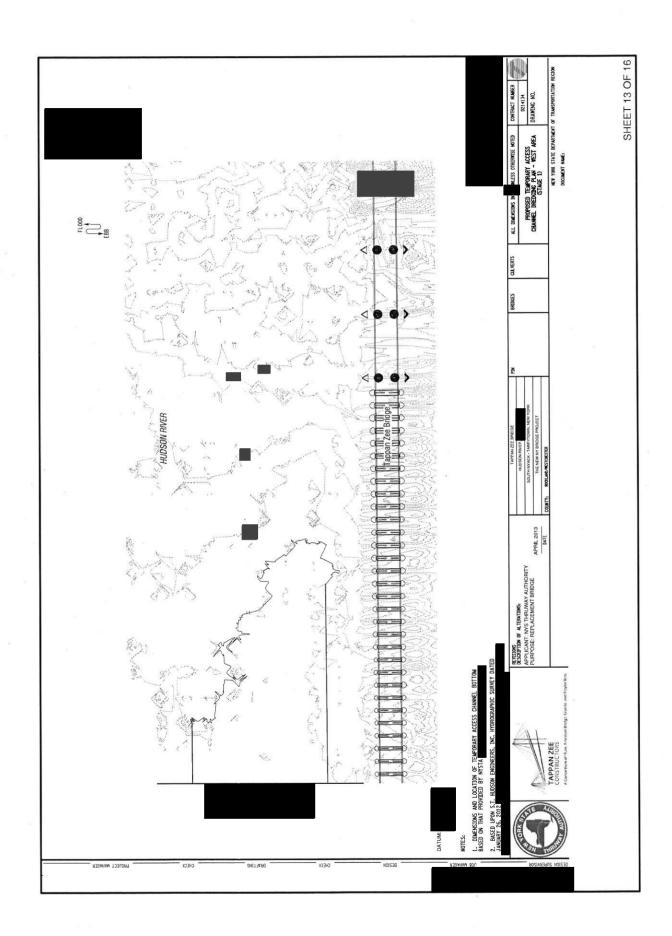
APPENDIX A DREDGE SITE PLAN

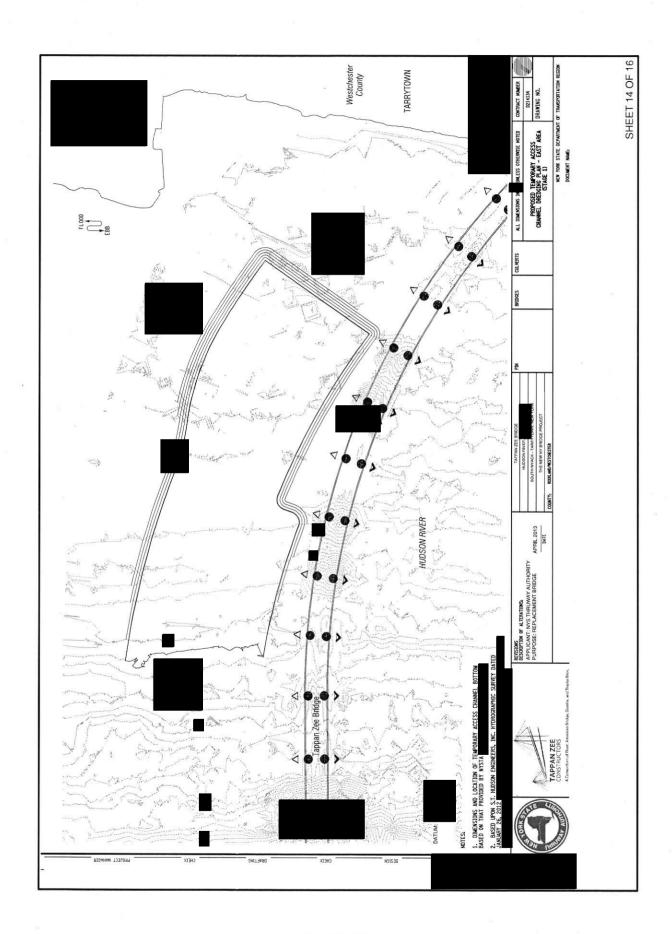


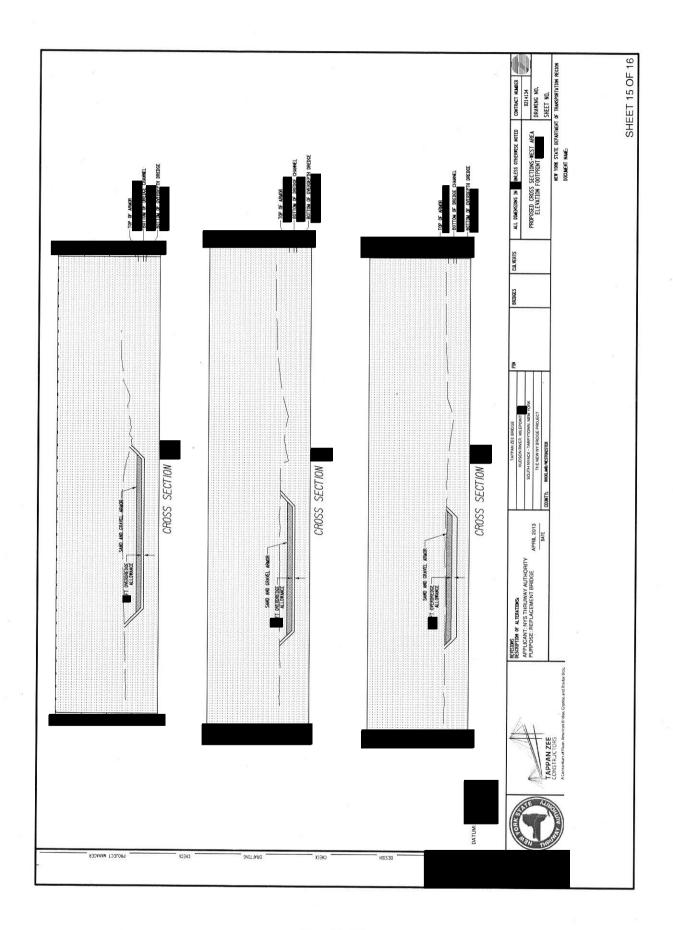


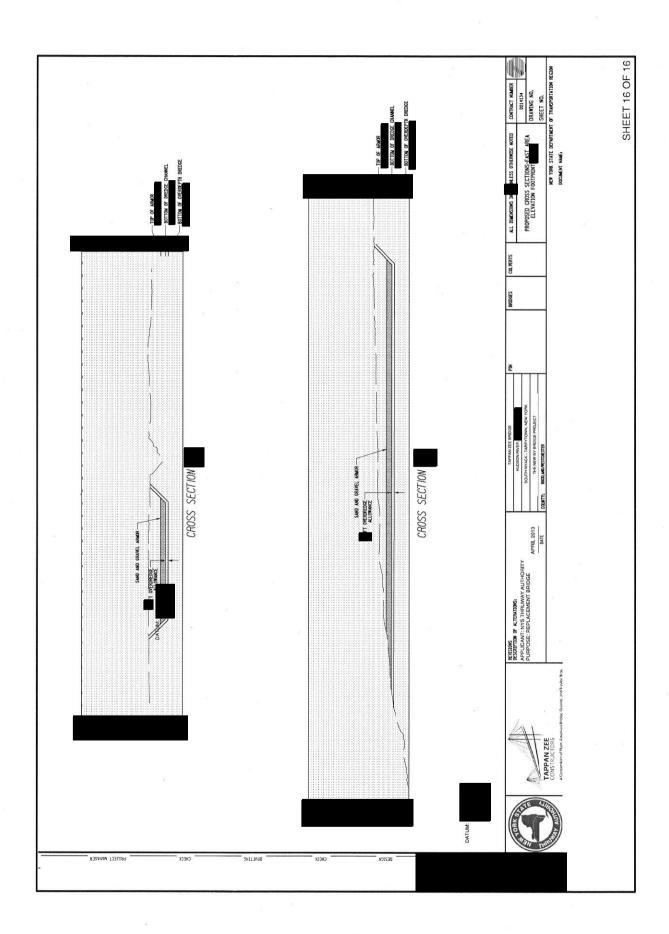


Page 15 of 33

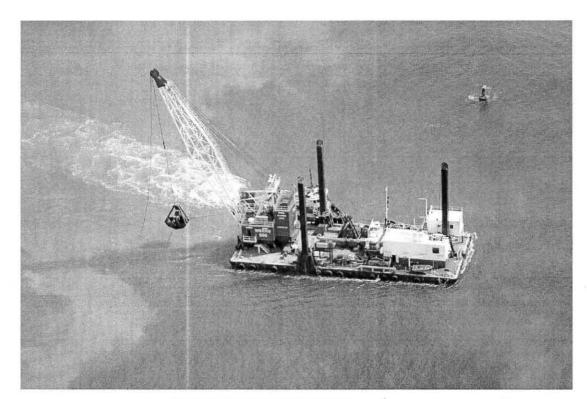








APPENDIX B DREDGE DESCRIPTIONS

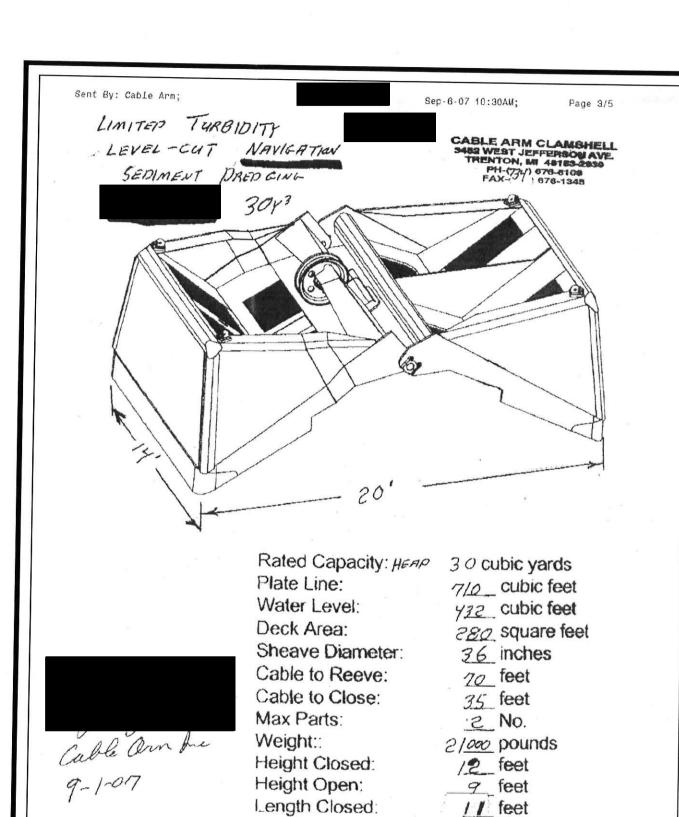


DREDGE 506: 30 CY BUCKET. 2,500 INSTALLED HP.



DREDGE 551: 25 CY BUCKET. 1,742 INSTALLED HP.

APPENDIX C CLOSED CLAMSHELL DRAWINGS AND SPECIFICATIONS



8

APPENDIX C

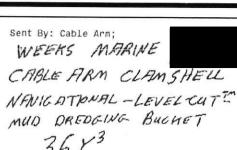
Page 1

Length Open:

Width:

20 feet

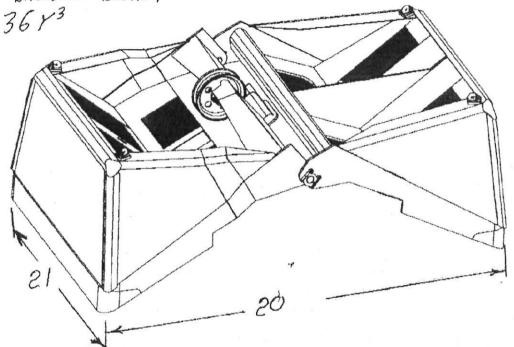
14 feet



Sep-6-07 10:31AM;

Page 4/5

CABLE ARM CLAMSHELL 3482 WEST JEFFERSON AVE. TRENTON, MI 48163-2830 PH-C₂₄) 676-6108 FAX: (7) 676-1345



Rated Capacity: HEAP

36 cubic yards

Plate Line:

972 cubic feet

Water Level:

600 cubic feet

Deck Area:

420 square feet

Sheave Diameter:

48 inches

Cable to Reeve:

65 feet

Cable to Close:

20 feet

Max Parts:

L No.

Weight::

34,500 pounds

Height Closed:

La_feet

Height Open:

9 feet

Length Closed:

//_feet

Length Open:

20 feet

Width:

14 feet

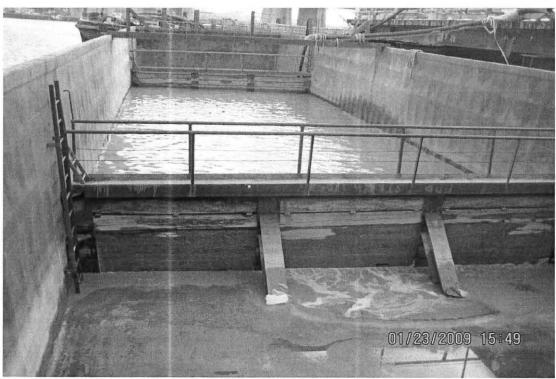
APPENDIX C

Page 2

APPENDIX D DECANT WATER HOLDING BARGE



DECANT WATER HOLDING BARGE



DECANT WATER HOLDING BARGE

APPENDIX E EXAMPLES OF DAILY REPORTS

WEEKS MARINE,INC. Tappen Zee Dredging Project DREDGE 506 / 551

| CONTRACT | DATE | | | | | | | |
|--|--|--|--|--------------|----------------------|-----------------------|---------------------|---------|
| | DATE | PD ENDING | | | MATE | RIAL %'S | | |
| WMI 1413XXXX | 08/01/2013 | 2400 | SILT | SAND | | | 000 | _ |
| OWNER | DREDGE | REPORT# | 75.00% | | CLAY | GRAVEL | CORAL | ROCK |
| TZC | WEEKS 506 / 551 | | | 4.00% | 20.00% | 1.00% | 0.00% | 0.00% |
| 120 | WEEKS 300 / 33 | 1 | LOCATION | N Tappen 2 | Zee Bridge | WEATHER | C | lear |
| | | | | | | | | ioui |
| PRODI | JCTION | TODAY | TO DATE | THIS MONTH | | CONOL | MADIES | |
| CU. YD: | S. SCOW | 0 | 0 | 0 | _ | | MABLES | |
| RUNNI | NG TIME | 24.00 | | | Р | LANT | USED | ONHAND |
| | LTIME | | 24.00 | 24.00 | | Fuel | 0 | 25,000 |
| | | 24.00 | 24.00 | 24.00 | Lu | be Oil | 0 | 1,000 |
| | ING TIME | 100.00% | 100.00% | 100.00% | | | U | 1,000 |
| NUMBER | OF SHIFTS | 2 | 2 | 2 | | | | |
| | | | | | | | | |
| | | | | | | | | -023 |
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| SCOW INFORMATION | SCOW 1 | SCOW 2 | SCOW 3 | SCOW 4 | SCOW 5 | SCOW 6 | SCOW 7 |
| LOAD NUMBER | 101 | 102 | 103 | 104 | 105 | 106 | 107 |
| SCOW NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| LOAD TIME | TIME | TIME | TIME | TIME | TIME | TIME | TIME |
| TIME STARTED | 0.00 | | | | | | |
| TIME FINSHED | 0.00 | | | | | | |
| TIME TO LOAD | 0.00 | | | | | | |
| 'NON EFFECTIVE TIME | TIME | TIME | TIME | TIME | TIME | TIME | TIME |
| ENERAL MAINT. | | | | | | | |
| CHANGE CUTS | | | | | | | |
| PASSING VESSELS | | | | | | | |
| WEATHER / TIDE / CURRENT | | | | | | | |
| SURVEY | | | | | | | |
| | | | | | | | |
| CHANGE SCOWS | | | | | | | |
| DELAY BY OWNER | | | | | | | |
| HANGE & REPAIR BUCKET | | | | | | | |
| VAIT FOR SCOW FROM SEA | V | | | | | | |
| VAIT FOR ATTENDANT PLANT | | | | | | | |
| DELAY BY CONTRACTOR | | | | | | | |
| REPAIR DREDGE | | | | /- | | | |
| REPAIR SCOW | | | | | | | |
| REPAIR TUG | | | | | | | |
| REPARATION AND TOW | | | | | | | |
| IISCELANEOUS | | | | | | | |
| | | | | | | | |
| SAFETY MEETING | | | | | | | |
| MOBILIZATION/DEMOBILIZATION | | | | | | | |
| RICTION & BRAKE ADJUSTMENT | | | | D. | | | |
| SCOW INFORMATION | SCOW 8 | SCOW 9 | SCOW 10 | SCOW 11 | SCOW 12 | SCOW 13 | SCOW 14 |
| LOAD NUMBER | 108 | | | | | | |
| SCOW NUMBER | 8 | | | | | | |
| LOAD TIME | TIME | TIME | TIME | TIME | TIME | TIME | TIME |
| 'TIME STARTED | | 1 111112 | 11111111 | 111112 | THILL | 1 114112 | THVIL |
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| CHANGE SCOWS | | | | | | | |
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| DELAY BY CONTRACTOR | | | | | | | |
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| | | | PLETE ALL APPLICA Page 29 | | BOTH SIDES OF THE | REPORT | |

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| | | l w | EKS 506 | / 551 | SIZE | FIFELINE | IN DIA DISCH | | DIPPER OR BUC | | |
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| 535.000.0000 | VER | MINIMUM | TIME | MAXIMUM | TIME | | SOUN | | | | |
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| | SE PER PUMP | HR.HR | CU. YDS. | 0 | CLEARING CU | | TION HEAD | | 0 | 0 | |
| cows | TODAY | 0 | TOTAL# | 0 | WAITING FOR TO AND FROM | | NCHODAGE | | 0 | 0 | |
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| | REVIOUSLY RI | EPORTED ED AMOUNT) | | | MINOR OPER. REPAIRS (EXPLAIN IN REMARKS) | | | | 0 | 0 | |
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| WEATHED | CLASSIFOATION | | | | | |
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| Z. THE AND | RESULTS OF INSPECTION : (Indicate we satisfactory work completed or deficiencies were | eather: P - Preparato | ory, I - Initial, or | F - Follow - | up and include | |
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| 3. TEST REC | UIRED BY PLANS AND / OR SPECIFICAT | IONS DEDECORATES | AND DECL!! ~ | 0.05.7555 | . | |
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Previous Edition May Be Used Until Exhausted

SAM FORM 696

| 4. VERBAL INSTRUCTIONS RECEIVED (List any instruction given by G | overnment personnel on construction deficiencies, |
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| 5. REMARKS : (Cover conflicts in plans, specifications or instructions : ac | centability of incoming materials : off-site surveillance |
| activities, progress of work, delays, causes and extent there | of: days of no work with reasons for same.) |
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| 6. SAFETY: (Include any infractions of approved safety plan, safety man | ual or instructions from Government personnel. |
| Specify corrective action taken.) | |
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| | INCRECTOR |
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| CONTRACTOR'S CERTIFICATION: I certify that the above report is co | mplete and correct and that all material |
| and equipment used, work performed and tests conducted during this | |
| with the contract plans and specifications except as noted above. | reporting period were in strict compliance |
| and dominant plants and specifications except as noted above. | |
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| Page 33 of 33 | WEEKS MARINE, INC. 29 |
| - | PROVED AUTHORIZED REPRESENTATIVE |