DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
P. O. BOX 60267
NEW ORLEANS LA 70160-0267

REPLY TO
ATTENTION OF

April 22, 2015

Operations Division
Operations Manager, Completed Works

Mr. Brian Mistich
Dammon Engineering, Inc.
554 Old Spanish Trail
Slidell, Louisiana 70458

Mr. Bob Nunez
Port Ship Services, Inc.
9999 Hwy 23
Belle Chasse, Louisiana 70037

Dear Mr. Mistich and Mr. Nunez:

We have received your letter request, dated March 3, 2015, from Dammon Engineering, INC., on behalf of Port Ship Services, INC., concerning permission to reinstall a 2 inch sewer line and a ¾ inch water line across the right descending Mississippi River Floodwall/Levee, vicinity of second order Levee Station 455+00, at Augusta, Louisiana, in Plaquemines Parish.

Pursuant to Section 14 of the Rivers and Harbors Act of 1899, 33 USC 408 (Section 408), we have no objection to the proposed project provided:

a. The work is accomplished in accordance with the above referenced letter and accompanying drawings.

b. All work on the levee and all excavations are performed and completed when the stage of the Mississippi River is below elevation +11.0 feet on the Carrollton gage, at New Orleans, Louisiana. Information concerning current river stages may be obtained on our website at www.mvn.usace.army.mil.

c. Use galvanized pipe clamps and adhesive or epoxy type anchors equally spaced with an embedment depth no greater than 3 inches. Do not use mechanical anchors such as expansion or impact. Do not attach the pipes to the wall until 28 days after concrete was poured or until the wall reaches 3500 psi strength.

d. Levee fill, defined as any material on or within 10 feet of the levee toes must meet the following criteria. Fill must have an organic content of no greater than 9

percent, as determined by ASTM D 2974, Method C. The Plastic Index of the new fill must be 10 or more by Atterberg Limits by ASTM D 4318, and the material classified as either a CH or CL by ASTM D 2487, with less than 35 percent sand retained on the No. 200 sieve by ASTM D 1140.

e. Backfill is to be added in 6 inch lifts and compacted to 90% proctor.

f. For backfill, moisture content must be within the limits of plus five to minus 3 percentage points of the optimum moisture content as determined by ASTM D 697.

g. Moisture contents greater than 10 percentage points above or below the optimum moisture content are not acceptable for placement of levee fill.

h. Any damage to the levee resulting from your activities will be repaired at the your expense.

i. That should changes in the location or section of the existing levee, floodwall, and/or river, or in the generally prevailing conditions in the vicinity, be required in the future in the public interest, you shall make changes in the project concerned, or in the arrangement thereof, as may be necessary to satisfactorily meet the situation and shall bear the cost thereof.

j. You are solely responsible for any remedial actions needed to correct any deficiencies in the design or construction of the proposed project as it impacts the federal project.

k. Please provide written notification to this office of the construction timeline to include the proposed start and end dates. Additionally, please notify this office prior to commencement and upon completion of the work permitted herein.

l. Any individual authorization granted under this permit may be modified, suspended, or revoked in whole or in part if the Secretary of the Army or his authorized representative determines that there has been a violation of any of the terms or conditions of this permit or that such action would otherwise be in the public interest.

m. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party as described in stipulation "n" below. Should you wish

to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

n. If you sell the property associated with this permit, you must provide this office with a copy of the permit and a letter noting your agreement to transfer the permit to the new owner and the new owner's agreement to accept the permit and abide by all conditions of the permit. This letter must be signed by both parties.

This letter is based upon engineering criteria, and no interpretation or comments regarding local laws, zoning, or ordinances concerning property rights, etc., have been made. Additionally, this letter does not obviate your requirement to obtain federal, state, or local permits required by law, and no work should commence until all necessary permits are required.

You are advised that you must obtain a Department of the Army (DA) permit prior to the commencement of any work at the site. The U.S. Army Corps of Engineers point of contact in our Regulatory Branch for the DA permit (MVN-2014-0000-AA), is Mr. Scott Kennedy at 504-862-2259, or by email at Scott.kennedy@usace.army.mil.

If you have any questions, please contact Amy Powell, Operations Manager for Completed Works or John Campbell, Civil Engineer for Completed Works of my office at 504-862-2241 or 504-862-1580, respectively. Additionally, future correspondence concerning this project should reference our letter number 15-174. This will allow us to more easily locate records of previous correspondence, and thus provide a quicker response.

Sincerely,

for Amy E. Powell

Michael F. Park
Chief, Operations Division
for Richard L. Hansen, District Commander

cc:

CPRA, Baton Rouge, Attn: Antonio German
CPRA, Baton Rouge, Attn: Billy Wall
Plaquemines Parish Permits Office