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State of New Jersey

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHRIS CHRISTIE
Governor

Division of Land Use Regulation
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BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

CERTIFIED MAIL

August 7, 2015

Keith Sturn, Project Manager
New Jersey Natural Gas
1415 Wycoff Road
P.O. Box 1468
Wall, NJ 07719

RE: Deficiency and Plan Revision Request
CAFRA and Flood Hazard Individual Permits and Freshwater Wetlands GP2
DLUR No, 0000-15-0007.1 CAF150001, FHA150001 and FWW150001
Project: Southern Reliability Link, new 29.5 mile 30" natural gas pipeline
Townships: Chesterfield, North Hanover, Upper Freehold, Plumsted, Jackson, and
Manchester
Counties: Burlington, Monmouth, Ocean

The Division of Land Use Regulation issued an administrative and technical deficiency letter for the above referenced application on July 24, 2015. In that letter Item 9 stated that plan revisions were required to clarify disturbance types and amounts along with other items. This letter details those items. Please provide 5 sets of signed and sealed plans with a revised date after the following revisions are made.

The following items are technically deficient and must be submitted before the applications can be considered complete for review.

1. Provide plans with detailed cross-sectional views of all the stream crossings associated with the proposed pipeline construction in order to ensure the stream crossings (most importantly those labeled as "trenching") comply with permit-by-rule N.J.A.C. 7:13-7.2(c)3. Please note any stream crossing that does not meet the requirements within N.J.A.C. 7:13-7.2(c)3 such as open-cut trench methods will be regulated under N.J.A.C. 7:13-11.9 and additional fees may be required.
2. Per review by the E&T unit, streams identified on the project site plan as "Stream 24" (Lahaway Creek), "Stream 28" (Beaverdam Brook), "Stream 29" (Beaverdam Brook) and "Stream 29a" (Beaverdam Brook) should have 150-foot riparian zones attributed to them. The tributaries within the Pinelands associated with Jumping Brook, Elisha Branch, Gaunts Brook, Middle Ruckels Branch and Manapaqua Brook have 150-foot riparian zones. Be advised the riparian zone must be measured from the top of bank and DLUR regulates the riparian zone in the Pinelands.

3. Please review the following list of blocks and lots. The submitted plans show the limit of disturbance extends onto these lots and blocks. Please verify that each of these lots should be included in the limit of disturbance.

Chesterfield Township, Burlington County:

B 500 lots 8, 9
B 502 lots 8.02, 9, 15.02,
B 1000 lot 1
B.1002 lots 2, 3, 4, 5.01

North Hanover, Burlington County:

B 200 Lots 2.03
B 301 lots 3, 4.01, 4.02, 4.03, 5.01, 5.02
B 400 lots 1, 2, 3

Upper Freehold, Burlington County:

B 52 lot 4.05
B 53 lot 12

Plumsted Township, Ocean County:

B 41 lots 2, 4.02, 4.11, 4.12, 5, 6, 7, 4.11
B 43 lot 62
B 44 lots 36, 37.01
B 77, lot 39
B 80, lot 5
B 91, lot 1
B 92, lot 1

Jackson Township, Ocean County:

B 23601, lot 1 (joint base)

Manchester Township, Ocean County

B 48, lot 3


4. Pursuant to a request from USFWS, perform swamp pink surveys of all proposed stream crossings along the route. Provide one copy to the USFWS, and one copy to my attention. In addition, provide one copy of the Phase I bog turtle studies to the USFWS and one to my attention.
5. Revise the plans to include disturbance calculations for wetlands and waters within the Pinelands area. These amounts are to be included in the total to be authorized under the Freshwater Wetlands General Permit 2 (FWWGP2), as the total permanent disturbance within New Jersey must be less than the 0.5 acre limit.
6. In accordance with N.J.A.C. 7:13-10.2(b-d), Table C, (k-l), and (r), provide calculations for all riparian zone disturbances, divided into herbaceous, scrub shrub and trees within the limit of disturbance. Permanent removal of trees falls under (r) and requires mitigation. Temporary Scrub Shrub disturbance (replanted with shrubs) uses Table C (k-l). Herbaceous replanted with herbaceous is not counted on Table C.

7. Revise the plans to include or clarify the following items. It may be necessary to change the scale of the submitted plans to include all items noted below.
- a) Differentiate between paved, herbaceous and wooded areas within the limit of disturbance;
 - b) Differentiate between the drill pits, lay down areas, access and construction/equipment staging areas;
 - c) Indicate where temporary disturbance of woody vegetation is proposed;
 - d) Show the permanent easement area, indicating all woody vegetation that is to be removed;
 - e) Show easements held by others that cross the limit of disturbance on the plans;
 - f) Revise the plans to add the appropriate riparian zones as discussed above and as required for acid producing soils, measured from top of bank. Indicate and quantify vegetation disturbance in all riparian zones;
 - g) Provide replanting details on the plans;
 - h) Provide details of the environmental protections proposed when trenching a culvert.
 - i) Indicate the soil conservation BMPs proposed for use near wetlands, transition areas, waters and riparian zones on the plans.
 - j) Depict the pipeline connections at the beginning and the end of the project;
 - k) Depict all culverts or watercourses within 150 feet of the limit of disturbance;
 - l) Indicate the top of banks for all watercourses rather than the centerline;
 - m) Provide a note on the plans, indicating the source of the "NJDEP WETLAND" delineation;
 - n) Provide a note on the plans, indicating the source of wetland delineation for those areas not labeled as "NJDEP WETLAND";
 - o) Please verify the location of the limit of disturbance and trenched pipeline on Block 5.02 lot 9, and the proposed location of the pipeline within a watercourse on Block 5.02 lot 16.01. (sheet 4). Revise as necessary;
 - p) Add the existing watercourse crossing located at or near pipeline marker 1420+00 and the intersection of Proving Ground and Brome Roads. This stream is a Pinelands stream and tributary to Manapaqua Brook, with a 150 foot riparian zone. (sheet 26);
 - q) Please correct the riparian zones for the streams that drain to the Lahaway. They are drawn at both 150 and at 50 feet on sheet 13.

The applications will remain administratively deficient until the items above are provided.

If you have any questions regarding this matter, please do not hesitate to contact me in writing at the above address or by email at Jan.Arnett@dep.nj.gov.

Sincerely,


Janice L. Arnett, Environmental Specialist 3
Bureau of Coastal Regulation
Division of Land Use Regulation

Original to Agent
C: Applicant
Ernest Deman, Pinelands