

TOWN OF WEST SENECA

APPLICATION FOR SITE PLAN REVIEW APPROVAL

TO BE COMPLETED BY APPLICANT

DATE 4/3/2020

FILE # _____

PROJECT NAME New Crude Oil Storage Tank 704 Project

PROJECT LOCATION (Include address and distance to nearest intersection)

550 Meyer Road, West Seneca, NY 14224 and the nearest intersection is Westminster Drive, approx. 2,600' to the east

APPLICANT Kiatone Pipeline Corporation

PH/FAX 814-726-4846

ADDRESS PO Box 780 Warren, PA 16365

PROPERTY OWNER Kiatone Pipeline Corporation

PH/FAX 814-726-4846

ADDRESS PO Box 780 Warren, PA 16365

ENGINEER/ ARCHITECT Fisher Associates

PH/ FAX 412-495-5453

ADDRESS 325 Delaware Avenue, Suite 200, Buffalo, NY 14202

SBL # 134.06-3-11

PROJECT DESCRIPTION (Include all uses and any required construction)

Proposed 200,000 barrel crude oil storage tank with a containment dike and associated access roads and pipe support structures.

SIZE OF LOT (acres) 31.5

ACREAGE TO BE REZONED 0.0

ADJACENT ROAD NAMES AND AMOUNT OF FRONTAGE ON EACH

Aurora Expressway (SR400) - approximately 1,200'; other sides are fronted by the existing railroad right-of-way.

EXISTING ZONING M-2

PROPOSED ZONING M-2

EXISTING USE(S) ON PROPERTY Storage Facility

PROPOSED USE(S) ON PROPERTY Storage Facility

EXISTING USE(S) AND ZONING ON ALL PROPERTY WITHIN 500 FEET

All areas within 500' are zoned M-2 also and area either NY State right-of-way, railroad right-of-way or National Grid property

PUBLIC SEWER YES NO

PUBLIC WATER YES NO

VARIANCES AND OTHER APPROVALS OR PERMITS REQUIRED

Not Applicable

APPLICATIONS WILL NOT BE ACCEPTED WITHOUT COMPLETION OF ALL REQUIREMENTS LISTED HEREIN

TO BE COMPLETED BY THE TOWN OF WEST SENECA

DATE RECEIVED _____ BY _____

PLANNING BOARD MEETING DATE _____

TOWN BOARD MEETING DATE _____

TOWN BOARD RESOLUTION DATE _____

NON - REFUNDABLE FILING FEE (Payable to the Town Clerk): \$ _____

TOWN OF WEST SENECA

APPLICANT CHECKLIST FOR SITE PLAN REVIEW

PLEASE REFER TO APPENDICES A, B, & C AND THE TOWN OF WEST SENECA ZONING ORDINANCE FOR ADDITIONAL DESIGN INFORMATION. THE APPLICANT/ AGENT MUST INITIAL EACH ELEMENT AS PROOF THAT ALL REQUIREMENTS HAVE BEEN MET.

I. SITE PLAN All site plan drawings shall be prepared, signed, and sealed by an architect, landscape architect, engineer, or surveyor licensed in the State of New York, drawn to scale, and must include the following elements (also see checklist in Appendix A) :

X

X Title of drawing.

X Name, address, and telephone number of applicant, owner of record, and person who prepared the drawing. If owner of record is different from applicant, a letter of authorization from the owner or a contract of sale is required.

X North arrow, scale, revisions block and date.

X Site location map.

X Name, location, width, and jurisdiction of existing roads and sidewalks.

N/A Location of curb cuts on project site and on adjacent properties (including properties across the street).

X Location of all existing and proposed buildings and structures, paving, curbs, and pedestrian and bicycle facilities with those to be removed clearly identified.

X Show all zoning district boundaries, zoning classifications for all adjacent properties (including across the street), and zoning setback dimensions. If a portion of the site is proposed to be rezoned, the new zoning district boundaries should be shown.

X Zoning data block comparing existing and proposed requirements, including greenspace and parking calculations.

N/A Location of any areas proposed for outdoor display and sale of merchandise, if applicable.

N/A Layout of all off-street parking areas showing access drives, aisles, parking spaces, handicapped accessible spaces, and loading areas (conforming to all requirements of the Town of West Seneca Zoning Ordinance). A cross-section of proposed pavement must be provided.

N/A Existing and proposed rights-of-way and easements and location of areas to be in common ownership or to be offered for dedication.

X Existing and proposed watercourses including wetlands, floodways, and floodplains (this information should also appear in the drainage plan and grading plan).

N/A Location of all proposed signage (conforming to all requirements of the Town of West Seneca Zoning Ordinance).

X Any other information as might be required by the Planning Board.

II. BOUNDARY SURVEY

A topographic boundary survey and a written legal description. (metes and bounds)
Provide in Electronic Form as well as written
(ONLY PROVIDING A BOUNDARY SURVEY AND THE CURRENT RECORDED DEED)

III. UTILITY PLAN – to include the following elements (also see checklist in Appendix A)

Location of existing water mains, showing main size and material type, on-site and off-site fire hydrant locations, and on-site main line valve locations.

Location of proposed water service showing material type and diameter of water main.

Location of existing and proposed gas and electric service.

Sanitary service showing location, proposed line, and existing main size. Include all manhole rim and invert elevations, pipe slope, and construction materials, if appropriate

The estimated daily sanitary sewage flow calculations must be included in the site plan Engineering Report.

Written confirmation that the process has been initiated with County or State Highway Departments for sanitary sewer connection, curb cuts, work permits, etc. (Applicant must furnish a letter from the appropriate County or State agency indicating their approval of the proposal prior to issuance of a Building Permit)(if necessary).

IV. GRADING PLAN – To include the following elements (also see checklist in Appendix A).

Existing and proposed grade elevation with contour lines at 1-foot intervals.

Finished floor elevations for all proposed and adjacent structures.

V. DRAINAGE PLAN – to include the following elements (also see checklist in Appendix A):

All catch basins, line size, and proposed construction materials. No stormwater shall drain onto adjoining properties. All downspouts shall be connected to the stormwater collection system.

Systems shall be designed for a minimum 10-year storm.

Stormwater calculations, prepared by a person licensed to design a storm drainage system in New York State.

Site plan Engineering Report (refer to requirements in Appendices A & B).

Any proposed project that will involve one or more acres of soil disturbance is required to comply with NYSDEC SPDES General Permit requirements for stormwater discharges. A copy of the Notice of Intent (NOI) and Stormwater Pollution Prevention Plan (WPPP) must be provided with the site plan Engineering Report..

VI. LANDSCAPING PLAN – to include the following elements (also see Appendix C).

All existing and proposed tree lines.

All proposed trees, shrubs, and other plantings with appropriate labeling.

N/A Planting schedule data block with legend key, species name (botanical and common names), quantity, size, and spacing.

N/A Planting details for trees and evergreens must illustrate the crown of root ball at six (6) inches above finished grade; three (3) inches for shrubs.

Refer to the Town of West Seneca Zoning Ordinance for applicable landscaping and screening requirements.

VII. CLEARING 7 SOIL EROSION CONTROL PLAN - to include the following elements:

Site preparation and clearing shall be designed to fit with the vegetation, topography, and other natural features of the site and shall preserve as many of these features of the sight and shall preserve as many of these features as possible.

Show clearing limits, stock pile area, and all temporary and permanent drainage facilities. Erosion and sediment control facilities must be shown.

A time schedule that is keyed to the operation must be provided.

Include a note on the plan to indicate that stumps and brush may not be buried in the Town and that topsoil may not be removed from the work site without a permit.


VII. LIGHTING PLAN – to include the following elements:

N/A Location of all lighting fixtures and standards on the property and structures, including a fixture schedule.

N/A Photometric data for site illumination.

IX. BUILDING HEIGHT AND DESIGN

N/A Building elevations and floor plans of all non – residential structures and all residential structures containing three (3) or more dwelling units (including net floor area calculations).

I, DANIEL SOBINA  as owner/applicant of KPC Tank 704 Project, located at 550 Meyer Road, Town of West Seneca, to the best of my knowledge has submitted a complete application package for a site plan for review.

TOWN OF WEST SENECA

APPENDIX A-SITE PLAN APPLICATION CHECKLIST

I. GENERAL

All elevations must reference the actual elevation of the site and proposed building (utilize Town of West Seneca data). Setting a base elevation at the centerline of the road to use as reference is not acceptable.

All profiles provided must be drawn so that the horizontal scale is no more than 1" = 10' horizontal, and 1" = 5' vertical.

Profiles be provided for utility crossings, the sanitary sewer system, and storm sewer system.

Profiles for any utilities as deemed necessary by the engineer for construction.

II. UTILITY PLAN

Add a note to the plan that states: "A minimum of 10 feet of horizontal and 18 inches of vertical separation must be maintained between all sanitary sewer and water services".

Add a note to the plan that states: "The Erie County Water Authority is to be notified a minimum of 48-hours prior to starting the connection to the new water service.

Add a note to the plan that states: "Select backfill is required for all utilities (gas, water, storm, sanitary) that cross through any pavement area." The limits of the select backfill must be shown on the utility plan.

The plans must clearly state the type of proposed connection to the existing waterline to be made. Will it saddle with corporation stop or tapping sleeve and valve.

All existing utilities, grading, etc. must be shown as a grey line type.

All proposed utilities, grading, etc. must be shown as a black line type.

Provide a trench detail for the proposed waterline installation. The detail must show the depth of cover, stone bedding, and indicate the use of underground waterline marker tape.

Provide a trench detail for the proposed sanitary sewer lateral. The detail must show the depth of cover, stone bedding, and indicate the use of underground waterline marker tape. /when connecting the Erie County Sewer District No. 1 or No. 3 system, their details must be provided.

Provide a profile for the proposed sanitary sewer service showing the connection to the existing system and connection at the facility.

III. PAVEMENT

 N/A Asphalt pavement grades should be at least 1.5%, preferably 2.0% to drain properly, minimize public safety concerns, and avoid liability issues. These grades must be shown on the drainage plan with flow arrows showing the direction of water flow.

 N/A Show on the plans a cross-section of the proposed sidewalk.

 N/A Show on the plans a cross-section of the proposed asphalt pavement. It is suggested that a thicker asphalt section be used for high traffic travel areas, where the dumpster is located, or where the deliveries will occur.

 X On the asphalt pavement cross-section, show the use of filter fabric (Mirafi 140N, or equal) under the pavement sub-base.

 N/A If connections to cross –access driveways are being made with adjacent sites, a detail must be shown on the plans for the proposed connection. The pavement transition detail must include a V-shaped saw cut into the existing pavement and tack coat.

IV. DRAINAGE/GRADING

 X The stockpile area for topsoil and fill must be shown on the design plans.

 N/A Spot elevations for adjacent properties must be provided on the grading plan.

 X A minimum of 6-inches of cover are required for all storm sewer pipes in grass area. A minimum of 12-inches of cover are required for all storm sewer pipes in pavement. Storm sewer pipe located within the sub-base of the pavement is not allowed.

 X Invert elevations must be shown for all culverts under driveways.

 N/A Provide stone rip rap at the pipe outlets from the detention pond.

 N/A Provide emergency overflow for the detention pond for the 100-year storm elevation.

 N/A All culverts under driveways must be shown with galvanized end sections.

 N/A Diameter, material type, and inverts of all roof leader downspouts must be shown.

 X Diameter, material type, and inverts of all storm sewer pipes must be shown on the plans.

 N/A For sites with less than one (1) acre of disturbance, the design engineer is required to detain the difference between the 10-year pre-developed storm and the 25-year post-developed storm.

 X For sites with greater than one (1) acre of disturbance, the design engineer is required to comply with all NYSDEC Stormwater Phase 2 regulations and design guidance.

V. SITE PLAN ENGINEERING REPORT

X The applicant must provide three (3) copies of the site plan Engineering Report. This report will contain (at a minimum), the following sections:

- General Project Description.
- Project Location Map. (there is no proposed new water or sewer service so no calculations will be provided)
- Water System Calculations.
- Sanitary Sewer System Calculations.
- Stormwater Calculations

N/A Provide the following information related to the proposed waterline for the facility in the design report. This would include the following:

- Domestic water demand (include calculations).
- Static waterline pressure (at the water right-of way).

N/A Anticipated pressure at the facility (include head loss calculations through the water service and backflow preventer/RPZ and meter); the design engineer must comment on the need to provide a sprinkler system for the facility. Provide fire flow calculations for the facility (if applicable). Provide the following information related to the proposed sanitary sewer system for the facility in the design report. This would include the following:

- Number of employees at the facility.
- Sanitary sewer demand and lateral pipe sizing (include calculations).

X Provide the following information related to the stormwater calculations for the facility in the design report. This would include the following:

Soil types of the site.

- Permeability and depth of water table of the soil.
- Description/dialogue on existing grading and stormwater runoff.
- Description/dialogue on proposed grading and stormwater runoff.
- Comment on the presence and show location of any NYSDEC or Federal Wetlands or 100-year Floodplain boundary.
- For sites with less than one (1) acre of disturbance, the design engineer is required to detain the difference between the 10-year pre-developed storm and the 25-year post-developed storm. Calculations must be provided
- For sites with greater than one (1) acre of disturbance, the design engineer is required to comply with all NYSDEC Stormwater Phase 2 regulations. Calculations must be provided.
- Calculations to be provided must include all assumptions, time of concentration, and detention pond sizing, and stormwater pipe sizing.
- All existing headwater and tailwater conditions must be considered for the design calculations.

Refer to APPENDIX B "Design of Stormwater Detention Facilities" for design guidance.

APPENDIX B-DESIGN OF STORMWATER DETENTION FACILITIES

The following method of determining the size of stormwater detention and retention facilities is presented as a guide for engineers, architects, and developers involved with construction projects in the Town of West Seneca.

Detention facilities are those facilities that detain the flow of stormwater runoff and discharge it at a reduced rate from the detention area. /this type of system operates by gravity with a large inlet and a small inlet. Retention facilities retain stormwater runoff, and it is necessary to pump the collected water into the downstream drainage system after peak flows have passed. Normally, detention facilities are installed much more frequently than retention facilities.

The Town of West Seneca requires that the stormwater detention system be designed in accordance with the following documents:

1. NYS Stormwater Design Manual
2. NYSDEC:SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-10-001)
3. NYSDEC: Standards and Specifications for Erosion and Sediment Control

A copy of the Notice of Intent (NOI) and Storm Water Pollution Prevention Plan(SWPPP) as required by the New York State Department of Environmental Conservation SPDES General Permit for Stormwater Discharges from Construction Activity (Permit No. GP-0-10-001) must be received and accepted by the Town prior to construction activities.

- For projects accepted by the town, construction cannot begin until:
 - * Five (5) business days from the date the NYSDEC receives a copy of the NOI; or the applicant receives an Acknowledgement Letter from the NYSDEC.

The engineer must provide all calculation and mappings, and state all assumptions necessary for review by the Town of West Seneca.