JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.
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- A KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE.
- C SPRING OATS 100 LBS/ACRE D WHEAT OR CEREAL RYE 150 LBS/ACRE.
- B KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + 2 TONS STRAW MULCH/ACRE.
 - F STRAW MULCH 2 TONS/ACRE. * IRRIGATION NEEDED DURING JUNE AND JULY.

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.

SOIL PROTECTION CHART

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for Stormwater

 The following is a description of the construction activity following mass grading which is the subject of this plan: The proposed development is a 1 story Deli in a 17 acre business park located in the City of Crystal Lake. Construction activities include mass grading the property to accomodate 1 building. Construction of a parking lot and all associated utilities will occur.

b. The following is a description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation, and grading: Note: The Contractor shall contact the Engineering Division at least 24 hours in advance to schedule an inspection for items below, as required by the city The sequence of the construction activities may be as follows: 1) file NPDES permit with IEPA at least 30 days prior to beginning work. 2) install silt fence; inlet protection (existing structures) and stabilized construction entrance. 3) Strip topsoil & stockpile over site. 4) begin mass grading 5) add additional soil erosion and sediment control as needed (stabilization within 14 days of temporary or permanent cessation of grading must be met. 6) install underground utilities.
7) install inlet protection at new structures. 8) begin fine grading in payement and building pad areas. 9) begin payement construction. 10) complete permanent site stabilization.

The total area of the construction site is estimated to be <u>1.46</u> acres. The total area of the site that it is estimated to be disturbed by excavation, grading, or other activities, is <u>1.46</u> acres.

d. The estimated runoff coefficients of the various areas of the site after construction activities are completed are contained in the project drainage study, titled Congress Station Infrastructure Improvements Stormwater Management Calculations dated 12/1/2005, prepared by Jacob & Hefner Associates, P.C. which is hereby incorporated by reference in this plan. Information describing the soils at the site is contained in the Soils Report for the project, titled

____, prepared by which is hereby incorporated by reference, or in an attachment to this plan.

This section of the plan addresses the various controls that will be implemented for each of the major construction activities described in 1.b above. For each measure discussed, the contractors will be responsible for its implementation as indicated. Each such contractor has signed the required certification on forms which are attached to, and are a part of, this plan.

 Erosion and Sediment Controls. (i) STABILIZATION PRACTICES. Provided below is a description of interim and permanent stabilization practices, including site—specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Except as provided in 2.o.(i).(A) and 2.b., stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased on all disturbed portions of the site where construction activity will not occur for a period of 21 or more calendar days. more calendar days.

(A). Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

The following interim and permanent stabilization practices, as a minimum, will be implemented to stabilize the disturbed area of the site:

. Permanent seeding 2. Silt filter fence 3. Vegetative channel 4. Stabilized construction entrance

STRUCTURAL PRACTICES. Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. The installation of these devices may be subject to Section 404 of the Clean Water Act.

5. Barrier filter 6. Inlet Protection

1. Retention basins Storm sewer system Temporary Sediment Basins Permanent seeding

Stormwater Management.

(i) Provided below is a description of measures that will be installed during the construction process to control pollutants in stormwater discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act. The practices selected for implementation were determined on the basis of the technical guidance contained in IEPA's Standard Specifications for Soil Erosion and Sedimentation Control, and other orcinances listed in the Specifications.

The stormwater pollutant control measures shall include: Lined Aprons
 Drainage swales
 Storm sewers 4. Retention pond 5. Catch Basins

(ii). Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Stormwater Management Control includes: 1. Lined Aprons

c. Other Controls.

(i). Waste Disposal. The solid waste materials including trash, construction debris, excess construction materials, machinery, tools and other items will be collected and disposed off—site by the contractor. The contractor is responsible to acquire any permit required for such disposal. Burning on the site will not be permitted. No solid materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.

The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic The sanitary sewage will be discharged to the proposed sanitary sewer constructed per IEPA and local standards.

 d. Approved State or Local Plans. The management practices, controls, and other provisions contained in this plan are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual, latest edition. Requirements specified in sediment and erosion control site plans or site permits or stormwater management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI to be authorized to discharge under this permit, incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, vegetation, erosion and sediment control measures and other protective measures identified in this plan and Standard Specifications. Stabilized construction entrance: The entrance shall be maintained to prevent tracking of sediment onto public streets. This will be done by top dressing with additional stones, remove and replace top layer of stones or washing the entrance. The sediment washed on the public right—of—way will be removed immediately. Vegetative erosion control measures: The vegetative growth of temporary and permanent seeding, sodding, vegetative channels, vegetative filter, etc. shall be maintained periodically and supply adequate watering and fertilizer. The vegetative cover shall be removed and reseeded as necessary. Sedimentation basins/traps: The sediments shall be removed when 40-50 percent of the total original capacity is occupied by the sediment. In no case shall the sediment be built up to more than 1 foot below the crest elevation. At this stage, Silt filter fence: The damaged silt filter fence shall be restored to meet the standards or removed and replaced as needed or as directed by the or their representative.

Straw bale barrier filters: The straw bale barrier filter shall be inspected frequently and shall be repaired or removed and replaced as needed or as directed by the city or their representative. Rip-Rap outlet protection: It shall be inspected after high flows for any scour beneath the Rip-Rap or for stones that have been dislodged. It shall be repaired

4. Inspections.

The Owner, or Owner's representative shall provide qualified personnel to inspect distrubed areas of the construction site which have not been finally stabilized, structural control measures, and location where vehicles enter or exit the site. Such inspections shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall.

Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control managers identified in the plan shall be observed to ensure that they are measures identified in the plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of of site sediment tracking.

Based on the results of the inspection, the description of potential pollutant sources identified in section 1 above and pollution prevention measures identified in section 2 above shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be implemented within 7 calendar days following the inspection.

c. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this stormwater pollution prevention plan, and actions taken in accordance with section 4.b. shall be made and retained as part of the plan for at least three (3) years after the date of the inspection. The report shall be signed in accordance with Part VI.G of the general permit.

d. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incidence of Noncompliance" (ION) report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI. G of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency Division of Water Pollution Control Attn: Compliance Assurance Section 1021 North Grand Avenue Post Office Box 19276 Springfield, IL 62794—9276

5. Non-Stormwater Discharges. Except for flows from fire fighting activities, sources of non-stormwater that may be combined with stormwater discharges associated with the industrial activity addressed in this plan, are described below:

 Water main flushing
 Fire hydrant flushing
 Watering for dust control 4. Irrigation drainage for vegetative growth for seeding, etc.

The pollution prevention measures, as described below, will be implemented for non-stormwater components of the discharge: The fire hydrant and water main shall not be flushed directly on the exposed area or subgrade of the pavement. Hoses shall be used to direct the flow into the storm sewer system, if available. The erosion due to irrigation of seeding shall be considered minor.

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Environmental Protection Associated Protection by the Environmental Protection Agency on .

PROJECT TITLE: AL & JOES RESTAURANT PROJECT LOCATION: CRYSTAL LAKE McHenry CITY/VILLAGE COUNTY

DEVELOPER/CONTRACTOR: AL & JOES PROJECT NUMBER: D605F

Signature:

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. AL & JOE'S 10348 ADDISON AVENUE

FRANKLIN PARK, ILLINOIS 60131 PHONE: (847) 678-6788 FAX: CONTACT:

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RESTAURANT IN DESIGN LAKE, IL

CONTROL

& JOE'S

ARTNERS

CRYSTAL

ASSO(rs

HEFNER SURVEYO

ACOB

SEDIMENT

Date: