

Table with columns: CONTROL MEASURE GROUP, CONTROL MEASURE, APPL, KEY, CONTROL MEASURE CHARACTERISTICS, TEMP., PERMIT. Rows include VEGETATIVE SOIL COVER, NON VEGETATIVE SOIL COVER, DIVERSIONS, WATERWAYS, ENCLOSED DRAINAGE, SPILLWAYS, OUTLETS, SEDIMENT BASINS, SEDIMENT FILTERS, MUD AND DUST CONTROL.

STABILIZATION TYPE table with columns: JAN, FEB, MAR, APR, MAY, JUNE, JULY, AUG, SEPT, OCT, NOV, DEC. Rows include PERMANENT SEEDING, DORMANT SEEDING, TEMPORARY SEEDING, SODDING, MULCHING.

SOIL PROTECTION CHART table with columns: A, B, C, D, E, F. Rows include KENTUCKY BLUEGRASS, MIXED WITH PERENNIAL RYEGRASS, SPRING OATS, WHEAT OR CEREAL RYE, SOD, STRAW MULCH.

NOTES: \* IRRIGATION NEEDED DURING JUNE AND JULY. \*\* IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.

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 Discharges from Construction Site Activities.

1. Site Description. a. 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 Det in a 17 acre business park located in the City of Crystal Lake. Construction activities include mass grading the property to accommodate 1 building, construction of a parking lot and all associated utilities will occur.

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

- 1. Permanent seeding
2. Silt filter fence
3. Vegetative channel
4. Stabilized construction entrance
5. Barrier filter
6. Inlet Protection

(ii). 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.

- 1. Retention basins
2. Storm sewer system
3. Temporary Sediment Basins
4. Permanent seeding

b. 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 practices selected for implementation were determined on the basis of the technical guidance contained in EPA's Standard Specifications for Soil Erosion and Sedimentation Control, and other ordinances listed in the Specifications.

The stormwater pollutant control measures shall include:

- 1. Lined Aprons
2. Drainage swales
3. 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.

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.

(ii). The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

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.

3. Maintenance.

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, the basin shall be cleaned out to restore its original volume.

Silt filter fence: The damaged silt filter fence shall be restored to meet the standards or removed or replaced as needed or as directed by the city or their representative.

Straw bale barrier filters: The straw bale barrier filter shall be inspected frequently and shall be protected or removed or 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 immediately.

4. Inspections.

The Owner, or Owner's representative shall provide qualified personnel to inspect disturbed areas of the construction site which have not been finally stabilized, structural control measures, and location where vehicles enter or exit the site.

a. 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.

b. 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.

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.

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.

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 associated with stormwater discharges associated with the industrial activity addressed in this plan, are described below:

- 1. Water main flushing
2. Fire hydrant flushing
3. 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 Agency on \_\_\_\_\_.

PROJECT TITLE: AL & JOE'S RESTAURANT

PROJECT LOCATION: CRYSTAL LAKE McHenry ILLINOIS CITY/VILLAGE COUNTY STATE

DEVELOPER/CONTRACTOR: AL & JOES

PROJECT NUMBER: D605F

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) 678-8788 FAX: CONTACT:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

SOIL EROSION & SEDIMENT CONTROL DETAILS AL & JOE'S RESTAURANT PARTNERS IN DESIGN CRYSTAL LAKE, IL

JACOB & HEFNER ASSOCIATES, INC. ENGINEERS • SURVEYORS 1901 S. MEYERS ROAD, SUITE 350 OAKBROOK TERRACE, IL 60161 PHONE: (630) 562-4600 FAX: (630) 562-4601

N.T.S. D605f C7.0

Table with columns: No., Description, Date. Rows include CITY COMMENTS, ISSUED FOR PERMIT, ISSUED FOR PERMIT.