National Pollutant Discharge Elimination System
Storm Water Pollution Prevention Plan (SWPPP)

IEPA NPDES Permit #
ILR10K777

Project Name:
Bull Valley Farmstead Demolition
Bull Valley, IL

Owner/Operator:
Inland Land Appreciation Fund, L.P.
2901 Butterfield Road
Oak Brook, IL 60523

SWPPP Prepared by: ENCAP, Inc., 1709 Afton Road Sycamore, IL 60178
Owner’s Certification Statement:

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

________________________________________________________________________
Signature

________________________________________________________________________
Name (Printed)

________________________________________________________________________
Title

________________________________________________________________________
Company
I. Site Description

A. The nature of this construction site is a demolition of existing buildings. The existing land use prior to the start of construction is agricultural/vacant land, and the anticipated duration of the construction activity is 2 months.

B. The intended major sequence of construction activities is as follows
   1) Mobilization of demolition contractor
   2) Preservation of grass buffer strip around all buildings and future disturbed areas
   3) Demolition of buildings
   4) Excavation and filling/smoothing of foundations
   5) Permanent stabilization of all disturbed areas

C. The total area of the site is 15 acres, with an approximate total of 2.0 acres of the site being disturbed.

D. The estimated runoff coefficient of the site after construction activities are complete is $C=58$. The existing soils on the site are predominantly moderately well drained soils. The soil types are primarily glacial till soils that are currently drained through the use of agricultural drain tile and overland flow. Currently, the quality of the stormwater discharge is fair due to low impervious surface, no application of fertilizer and pesticides and dense vegetative buffer areas.

E. A site map including existing topography is included in Tab 1 of the SWPPP binder Appendix. The approximate slopes found before and after major grading activities and areas of soil disturbance are found in the grading plan sheet(s) in Tab 2 of the SWPPP Appendix. The erosion and sediment control plan sheets found in Tab 3 indicate the location of major structural and nonstructural control measures identified in the plan, the locations of where anticipated stabilization practices are expected to occur, surface waters found on site and adjacent to the site, and the locations of stormwater discharge from the site.

F. The receiving waters of the project are an Unnamed tributary, which flows to Nippersink Creek, which is tributary to Wonder Lake, which flows to the ultimate receiving waters of the Fox River. No wetland areas exist on this site.

II. Controls

A. Erosion and Sediment Controls –
   The following are control measures that will be enacted on the site to control erosion and limit the discharge of sediment in stormwater discharge from this site.

1. Stabilization Practices
   Temporary and permanent stabilization practices shall be used on this site to control erosion, reduce runoff quantities, and stabilize any disturbed soils. Stabilization measures shall be initiated as
soon as practicable in portions of the site where construction activities have temporary or permanently ceased, but in no case more than 14 days after the construction activity has ceased in that portion of the site. The only cases where stabilization practices shall not be put in place within the aforementioned time frame are areas where the following conditions exist:

a) the initiation of stabilization practices has been precluded by snow cover, in which case stabilization measures will be installed as soon as practicable.
b) construction activities will resume in that portion of the site within 21 days from when that activity ceased in the same area.

<table>
<thead>
<tr>
<th>Practice</th>
<th>Description</th>
<th>Scheduling</th>
<th>Responsible Contractor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited Grading</td>
<td>Preservation of existing open areas and existing vegetation to protect soil surface</td>
<td>Enacted during initial excavation and grading</td>
<td>Demolition Contractor</td>
</tr>
<tr>
<td>Stabilized Construction Entrance</td>
<td>Geotextile fabric underlayment with angular rip rap stone access road to prevent off-site tracking from construction equipment</td>
<td>After appropriate clearing and grubbing to install the practice and prior to mass earthwork</td>
<td>Demolition Contractor</td>
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<td>Mulching</td>
<td>Application of straw, coconut, wood fiber, or other organic mulch to stabilize soil surface</td>
<td>Following mass grading activities or after final grading and seeding</td>
<td>Landscaping Contractor</td>
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<tr>
<td>Permanent Seeding</td>
<td>Establishment of permanent vegetative cover in areas where final grade has been achieved</td>
<td>Immediately following final grading</td>
<td>Landscaping Contractor</td>
</tr>
<tr>
<td>Vegetated filter strip</td>
<td>A created or preserved area of temporary or permanent vegetation established to stabilize slopes and filter sediments from runoff</td>
<td>Any time following mass grading activities</td>
<td>Landscaping Contractor</td>
</tr>
</tbody>
</table>

2. Structural Practices

Structural erosion and sediment control practices are those that are designed 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 following structural practices will be used on this site:

<table>
<thead>
<tr>
<th>PRACTICE</th>
<th>DESCRIPTION</th>
<th>SCHEDULING</th>
<th>RESPONSIBLE CONTRACTOR</th>
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</thead>
<tbody>
<tr>
<td>Stabilized Construction Entrance</td>
<td>The existing paved/gravel driveway will be utilized to prevent off-site tracking from construction equipment</td>
<td>Maintain throughout construction</td>
<td>Demolition Contractor</td>
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<td>Record of dates and Areas where practices occur</td>
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<tr>
<td>Major Grading, Earthwork, or Other Construction</td>
<td>Construction Activities Ceased</td>
<td>Stabilization Practices Installed</td>
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B. Storm Water Management

The following measures will be installed on-site to control and address stormwater management.

1) No additional paving or infrastructure will be constructed and impervious surface area will be reduced, therefore not requiring a stormwater permit from the county.
2) Existing drainage patterns on-site will be preserved.

C. Other Control Measures

1) Portable toilets will be used to contain sanitary waste for workers on-site until permanent facilities are built.
2) Roll-off dumpsters will be available at each lot for construction waste/debris. The dumpsters will be emptied a minimum of twice a week (more often if necessary).
3) Hazardous substances/waste will be disposed of by the Contractor as specified by local, state, and/or federal regulations, and manufacturer.
4) The Contractor will implement the IEPA Spill Prevention Control and Countermeasures (SPCC) Plan. No spilled hazardous materials or hazardous wastes will be allowed to come into contact with stormwater discharges.

D. Approved State or Local Plans

The 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 2002. If local ordinances contain more stringent practices and other requirements, those practices have been incorporated into the SWPPP.

III. Maintenance

Best Management Practices and control measures identified in this plan must be maintained and kept in working order throughout the length of the project.

<table>
<thead>
<tr>
<th>Practice</th>
<th>Maintenance Frequency</th>
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<tbody>
<tr>
<td>Stabilization Practice</td>
<td>If rills are beginning to form or vegetation is sparse, additional seeding or soil surface stabilization is necessary</td>
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</tbody>
</table>

IV. Inspections

Qualified personnel shall inspect the disturbed areas of the construction site that have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site. Inspections shall take place at least once every 7 days and within 24 hours of the end of a storm event that is 0.5 inches or greater or equivalent snowfall/snowmelt.

Based on the results of each inspection, any necessary modifications in the control measures or the plan must be updated and identified within the
plan within 7 calendar days following the inspection. Any repairs or other modifications to controls must also be complete within 7 days.

Any violation of the SWPPP observed during a site inspection requires the submittal of an Incidence of Noncompliance (ION) to the IEPA within 5 days. Any IONs must be signed by the permittees’ authorized representative and should be submitted to the following address:
Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

V. Non-Storm Water Discharges
Except for flows from fire fighting activities, the following sources of non-storm water may be combined with storm water discharges from this construction site. Appropriate measures will be taken to ensure that these non-storm water discharges to not negatively impact the quality of runoff from the site.
1) Hydrant flushing
2) Groundwater pumping/dewatering
3) Irrigation Water
4) Dust Control
5) Water used for cleaning buildings or equipment that is free of detergents and other contaminants

VI. Contractors
All practices described in the Control Measures section of the SWPPP (see above) have a contractor identified as the responsible party for installation of those particular practices. Below are found certification statements from contractors and subcontractors who perform work either on BMPs themselves or whose work can affect the continued effectiveness of practices on-site.
GENERAL CONTRACTOR:

“I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification”

Name, Title

Contractor’s Firm Name

Address

Telephone Number

Project Name (Address if available)

Date

DEMOLITION CONTRACTOR:

“I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification”

Name, Title

Contractor’s Firm Name

Address

Telephone Number

Project Name (Address if available)

Date
LANDSCAPING CONTRACTOR:

“I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification”

____________________________________________________
Name, Title

____________________________________________________
Contractor’s Firm Name

____________________________________________________
Address

____________________________________________________
Telephone Number

____________________________________________________
Project Name (Address if available)

________________________
Date

SOIL EROSION AND SEDIMENT CONTROL CONTRACTOR:

“I certify under penalty of law that I understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification”

____________________________________________________
Name, Title

____________________________________________________
Contractor’s Firm Name

____________________________________________________
Address

____________________________________________________
Telephone Number

____________________________________________________
Project Name (Address if available)

________________________
Date
Retention of Records
The permittee shall retain copies of storm water pollution prevention plans and all reports and notices required by this permit, and records of all data used to complete the Notice of Intent to be covered by this permit, for a period of three (3) years from the date that the permit coverage expires or is terminated.

This storm water pollution prevention plan (SWPPP) must be kept on-site from the date of the project initiation to the date of final stabilization.