



See Attached Sheet for Instructions

NOTICE OF INTENT (NOI)
 For Authorization to Discharge Stormwater Runoff from Construction Activities
 In accordance with the Kansas Water Pollution Control General Permit
 Under the National Pollutant Discharge Elimination System

Submission of this Notice of Intent constitutes notice that the party identified in Section I of this form requests authorization for coverage under the Kansas Water Pollution Control general permit, or KDHE issued successor permits, issued for stormwater runoff from construction activities in the State of Kansas. Becoming a permittee obligates the discharger to comply with the terms and conditions of the general permit. Completion of this NOI does not provide automatic coverage under the general permit. Coverage is provided and discharge permitted when the Kansas Department of Health and Environment (KDHE) authorizes the discharge of stormwater runoff from the construction activities identified on the NOI and supporting documentation. A signed and dated copy of the first page of the NOI indicating the Authorization will be provided to the owner or operator, or all three pages for Conditional Authorizations. Upon authorization of the construction activity discharge, a Kansas permit number and a Federal permit number will be assigned to the construction project. A complete request for Authorization for coverage under the general permit must be submitted or the request will not be processed (see listing on Page 3 of this NOI). KDHE will notify owners or operators whose Notice of Intent (NOI) and supporting documentation for Authorization of stormwater runoff associated with construction activities are incomplete, deficient, or denied. **Please Print or Type.**

I. OWNER OR OPERATOR ADDRESS & RECORD LOCATION INFORMATION

Owner or Operator's Name: <u>Bob Armstrong</u>	Contact Name: <u>Tim Malone</u>
Company Name: <u>Rivendale LLC</u>	Company Name: <u>Malone Construction</u>
Owner or Operator's Phone: <u>316-263-4623</u>	Contact Phone: <u>316-871-5796</u>
Mailing Address: <u>4200 W. Douglas Ave 67212</u>	Mailing Address: <u>1608 S. Washington 67211</u>
City: <u>Wichita</u> State: <u>KS</u> Zip Code: <u>67212</u>	E-mail Address: <u>timmalone@gotomalone.com</u>
Billing Contact Name: <u>Bob Armstrong</u>	Address where records will be kept (if not on site):
Billing Address (if different): _____	Records Address: <u>(same as above)</u>
City: _____ State: _____ Zip Code: _____	City: _____ State: _____ Zip Code: _____

II. SITE INFORMATION

A. LOCATION

Project Name: Legacy 3rd Addition
 Street Address: N. of 47th St. S. + W. of Meridian
 City: Wichita State: KS Zip Code: _____

B. LEGAL SITE DESCRIPTION

— N^{1/2} SE 13
 QTR. QTR. QTR. Section
28 South 1 □ E; W;
 Township Range
 County: Sedgwick

For Official Use Only:

Received RECEIVED MAR 05 2007 BUREAU OF WATER Secretary, Kansas Department of Health and Environment	Paid: \$ <u>60</u>	Authorized: <input checked="" type="checkbox"/> Y; <input type="checkbox"/> N
	Date: <u>3-5-07</u>	Is Authorization Conditional? <input type="checkbox"/> Y; <input checked="" type="checkbox"/> N (if yes see page 3 of NOI for conditions)
	Initials: <u>dg</u> Check No: <u>28553</u>	Reviewer: Date: <u>3/29/07</u>
KS Permit No. <u>9-AR94-0494</u>		Federal Permit No. <u>KSR 104102</u>

To receive a hard copy of the general permit packet, check yes: Y; N

Send completed 3 page NOI form with original signature to:

Kansas Department of Health and Environment
 Bureau of Water, Industrial Programs Section
 1000 SW Jackson, Suite 420
 Topeka, KS 66612 - 1367

KDHE Contact Information:

Phone: (785) 296-5545
 E-mail: stormwater@kdhe.state.ks.us

STORMWATER POLLUTION PREVENTION PLAN
FOR IMPROVEMENT OF LEGACY 3RD ADDITION

SITE DESCRIPTION			
Project Name and Location: Legacy 3 rd Addition N of 47 th St S & W of Meridean Wichita, Sedgwick County, Kansas	Owner: Rivendale LLC 4200 W. Douglas Ave Wichita, KS 67212		
Description: This project will consist of improving 112 Lots in Legacy 3rd Addition in three phases. Soil Disturbing activities will include: installing a stabilized construction entrance, perimeter, and other erosion and sediment controls: site clearing and grading; excavation of detention ponds, excavation for sanitary sewer, water mains, and public utilities; construction of curb and gutter; street paving; home construction; and preparation for final planting and seeding.			
The final coefficient of runoff for the site will be $c = 0.68$			
Site Area: The site covers approximately 40.5 acres, all of which will be disturbed by construction activities.			
Sequence of Major Activities			
The order of activities for each lot as it is improved will be as follows:			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 1. Install stabilized construction entrance. 2. Construct earth dike around spill control area and install sediment controls. 3. Clear and grade site and construct detention ponds. 4. Pile topsoil. 5. Stabilize denuded areas and stockpiles within 14 days of last construction activity in that area. 6. Install utilities, water main, sanitary sewer, storm sewer, and curb and gutter. </td> <td style="width: 50%; vertical-align: top;"> <ol style="list-style-type: none"> 7. Complete final paving. 8. Construct homes 9. Complete grading. 10. Install permanent seeding and plantings. 11. Remove accumulated sediment. 12. When all construction activity is complete and the site is stabilized, remove sediment controls and reseed and areas disturbed by their removal. </td> </tr> </table>		<ol style="list-style-type: none"> 1. Install stabilized construction entrance. 2. Construct earth dike around spill control area and install sediment controls. 3. Clear and grade site and construct detention ponds. 4. Pile topsoil. 5. Stabilize denuded areas and stockpiles within 14 days of last construction activity in that area. 6. Install utilities, water main, sanitary sewer, storm sewer, and curb and gutter. 	<ol style="list-style-type: none"> 7. Complete final paving. 8. Construct homes 9. Complete grading. 10. Install permanent seeding and plantings. 11. Remove accumulated sediment. 12. When all construction activity is complete and the site is stabilized, remove sediment controls and reseed and areas disturbed by their removal.
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Name of Receiving Waters: The entire site will drain through storm sewers into detention ponds and thence into existing drainage swales to an un-named tributary of the Wichita-Valley Center Floodway, a tributary of the Arkansas River. It is approx. 1.5 miles from the site to Wichita-Valley Center Floodway.			
CONTROLS			
Erosion and Sediment Controls			
Stabilization Practices			
<p>Temporary stabilization - Top soil stock piles and disturbed portions of the site where construction activity temporarily ceases for at least 28 days will be stabilized with temporary seed and mulch no later than 21 days from the last construction activity in that area. The temporary seed shall be Rye or other approved seed mix. Prior to seeding, fertilizer shall be applied to each area being stabilized. After seeding, each area shall be mulched with straw.</p> <p>Permanent Stabilization - Disturbed portions of the site where construction activities permanently cease shall be stabilized with permanent seed no later than 14 days after the last construction activity. The permanent seed shall be tall fescue or other approved seed mix. Prior to seeding, fertilizer shall be applied to each area being stabilized. After seeding, each area shall be mulched with straw.</p>			

CONTROLS (Continued)

Structural Practices

Sediment controls will be constructed at all drive entrances and ten affected storm sewer inlets.

A sedimentation barrier consisting of gravel in bags will be placed across the face of the eight affected curb inlets. Silt fence or hay bales will be placed around the two affected yard inlets and earth dikes will be constructed across all drive entrances where drainage to street may occur. Silt fence will be installed along the perimeter of the site except where grading of the site will prevent storm water from exiting except as controlled by storm sewer and pavement. The proposed detention ponds will act as sedimentation basins during project construction. The ponds will be cleaned by the developer upon completion of the project.

An earth dike will be constructed around the spill control area to be constructed on each site (see site map for typical).

Storm Water Management

Storm water drainage will be provided by curb and gutter, storm sewer, detention ponds, and grass lined drainage ditches for the developed areas. The areas that are not developed will be graded at a minimum of 0.5% and have permanent seeding or plantings. When construction is complete, the entire site will drain to the detention ponds and thence into Spring Branch.

OTHER CONTROLS

Waste Disposal:

Waste Materials

All waste materials will be collected and stored in a metal dumpster rented from a licensed solid waste management company. The dumpster will meet all City and State solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied a minimum of twice per week or more often if necessary, and the trash will be hauled to a licensed solid waste collection site. No construction waste will be buried onsite. All personnel will be instructed regarding the correct procedure for waste disposal. The Contractor's superintendent will be responsible for seeing that these procedures are followed.

Hazardous Waste

All hazardous waste materials will be disposed of in the manner specified by local or State regulations or by the manufacturer. Site personnel will be instructed in these practices and the Contractor's superintendent will be responsible for seeing that these procedures are followed.

Sanitary Waste

All sanitary waste will be collected from the portable units a minimum of once per week by a licensed sanitary waste management contractor, as required by local regulation.

Off-site Vehicle Tracking:

A stabilized construction entrance will be provided to help reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be cleaned as necessary to remove any excess mud, dirt, or rock tracked from the site.

TIMING OF CONTROLS/MEASURES

As indicated in the Sequence of Major Activities, the earth dike, stabilized construction entrance and sediment controls will be constructed prior to clearing or grading of any other portions of the site. Areas where construction activity temporarily ceases for more than 28 days will be stabilized with a temporary seed and mulch within 21 days of the last disturbance. Once construction activity ceases permanently in an area, that area will be stabilized with permanent seed and mulch. After the entire site is stabilized, the accumulated sediment will be removed from the sediment controls and the earth dike will be removed.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

The storm water pollution prevention plan reflects State requirements for storm water management and erosion and sediment control. There are no applicable local requirements for sediment and erosion site plans (or permits), or storm water management site plans (or permits).

MAINTENANCE/INSPECTION PROCEDURES

Erosion and Sediment Control Inspection and Maintenance Practices

These are the inspection and maintenance practices that will be used to maintain erosion and sediment controls.

- All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater.
- All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report.
- Built up sediment will be removed from silt fence when it has reached one-third the height of the fence.
- Silt fence will be inspected for depth of sediment, tears, fabric attachment to fence posts, and fence post placement in the ground.
- The earth dike around the spill control area will be inspected and any breaches promptly repaired.
- Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth.
- The grass lined ditches will be regraded and reseeded as necessary to maintain positive drainage.
- A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached.
- The Contractor will be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report.
- Personnel selected for inspection and maintenance responsibilities will receive training in all of the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.

MAINTENANCE/INSPECTION PROCEDURES (Continued)

Non-Storm Water Discharges

It is expected that the following non-storm water discharges will occur from the site during the construction period:

- Water from water line flushings.

- Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).

- Uncontaminated groundwater (from de-watering excavation).

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:

- | | |
|-----------------------------|---|
| • Concrete | • Petroleum Based Products |
| • Detergents | • Cleaning Solvents |
| • Paints (enamel and latex) | • Wood |
| • Metal Studs | • Masonry Block |
| • Concrete | • Roofing Shingles |
| • Tar | • Other Common Non-hazardous building materials |
| • Fertilizers | |

SPILL PREVENTION

Material Management Practices

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping:

The following good housekeeping practices will be followed onsite during the construction project:

- An effort will be made to store only enough product required to do the job.

- All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.

- Products will be kept in their original containers with the original manufacturer's label.

- Substances will not be mixed with one another unless recommended by the manufacturer.

- Whenever possible, all of a product will be used up before disposing of the container.

- Manufacturer's recommendations for proper use and disposal will be followed.

- The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products:

These practices are used to reduce the risks associated with hazardous materials:

- Products will be kept in original containers unless they are not re-sealable

- Original labels and material safety data will be retained; they contain important product information

- If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed.

SPILL PREVENTION (Continued)

Product Specific Practices

The following product specific practices will be followed onsite:

Petroleum Products:

All onsite vehicles will be monitored for leaks and receive regular preventative maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendation.

Fertilizers:

Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

Paints:

All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to the manufacturer's instructions or State and local regulations.

Concrete Trucks:

Concrete trucks will wash out or discharge surplus concrete or drum wash water only at approved locations on the site.

Spill Control Practices

In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The Contractor's superintendent will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

POLLUTION PREVENTION PLAN CERTIFICATION

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 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.

Signed: _____.
Kenneth W. Lee, P.E.
Ruggles, and Bohm P.A.

Date: _____.

CONTRACTOR'S CERTIFICATION

I certify under penalty of law that I understand the terms and conditions 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.

Signature	For	Responsible for
_____ Contractor's Representative Date: _____		