

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION



MISSOURI STATE OPERATING PERMIT

GENERAL PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended.

Permit No. **MOR10C167**

Owner: **Farris Brothers Investment Company**
Address: **220 Marshall Dr., Suite 10, St. Robert, MO 65584**

Continuing Authority: **Same as above**
Address: **Same as above**

Facility Name: **Holiday Inn Hotel**
Facility Address: **South Outer Road and Vickie Lynn Lane, St. Robert, MO 65584**

Legal Description: **SE ¼, NE ¼, Sec. 28, T36N, R11W, Pulaski County**

Receiving Stream: **Unnamed tributary to Dry Creek (U) (losing)**
First Classified Stream and ID: **Big Piney River (P) (01566)**
USGS Basin & Sub-watershed No.: **(10290202 – 040003)**

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION


All Outfalls

Construction or land disturbance activity (e.g., clearing, grubbing, excavating, grading, and other activity that results in the destruction of the root zone and/or land disturbance activity that is reasonably certain to cause pollution to waters of the state).


This general operating permit authorizes only wastewater, including stormwaters, discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System. This general operating permit does not apply to other regulated areas. This general operating permit may be appealed in accordance with Section 644.051.6, RSMo.

February 8, 2007
Effective Date

August 21, 2008
Issue Date


Doyle Childers, Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

February 7, 2012
Expiration Date


Gary L. Gaines, P.E., Director, Southeast Regional Office

Bk-2005
Pg-10459

A fractional part of the Northeast Quarter of Section 28, Township 36 North, Range 11 West of the 5th P.M. more particularly described as follows: Beginning at the northeast corner of the Northeast Quarter of said Section 28; thence South 01° 07' 53" East 784.30 feet to the point of beginning of the tract herein described; thence South 01° 07' 53" East, 535.70 feet to the southeast corner of the Northeast Quarter of the Northeast Quarter of said Section 28; thence South 01° 06' 01" East 113.44; thence South 89° 03' 13" West 605.24 feet; thence North 10° 37' 29" East 31.00 feet; thence South 85° 53' 30" West 241.01 feet; thence North 16° 54' 00" East 132.23 feet; thence North 16° 52' 31" East 463.34 feet; thence North 83° 24' 10" East 658.25 feet to the point of beginning, containing 10.417 acres. The above parcel is bounded on its north by the south outer road of Interstate Highway 44, on its east by a gravel road, on its south by Hidden Valley Estates Plat No. 2, and on its west by Vickie Lynn Lane. Subject to any easements of record.

STORMWATER POLLUTION PREVENTION PLAN

FOR BUILDING & GRADING PROJECTS DISTURBING 1 OR MORE ACRES

PART I GENERAL PROJECT INFORMATION -

to be completed by Owner or Consultant

PROJECT NAME: Holiday Inn Express, St. Robert

PROPERTY OWNER'S NAME: Bruce Farris

ADDRESS: 220 Marshall Dr., Suite 10

CITY: St. Robert **STATE:** MO **ZIP:** 65584

PHONE #: (573) 336-3422 **FAX #:** (573) 336-3595

MOBILE #: (573) 512-4496 **PAGER #:** _____

GENERAL DESCRIPTION OF PROJECT: (attach Sediment & Erosion Control Plan showing proposed site plan)

Constructing a Hotel with Parking

LOCATION OF PROJECT:

(Attach legal description.)

PART II PROJECT PLANNING & DESIGN

to be completed by CONSULTANT

CONSULTANT'S NAME: Derek A. Lee, PE _____

COMPANY: Lee Engineering & Associates, LLC _____

ADDRESS: 2101 W. Chesterfield Blvd., Suite C202

CITY: Springfield **STATE:** MO **ZIP:** 65807

PHONE #: (417) 886-9100 **FAX #:** (417) 886-9336

NOTE: ATTACH SEDIMENT & EROSION CONTROL PLAN (SECP).

TEMPORARY STABILIZATION

Temporary Seeding Mulching
 Other (specify) _____

PERMANENT EROSION CONTROLS

Diversion berm Diversion swale
 Riprap/paved chute Riprap Outlet Protection
 Riprap channel lining Reinforced Sod Channel Lining
 Sod Channel Lining Concrete trickle channel
 Concrete channel lining Vegetative buffers
 Other (specify) _____

PERMANENT STABILIZATION

Seeding Straw mulch
 Hydromulch Pavement & other permanent surfacing
 Other

(specify) _____

NOTE: Attach specifications and details for any of the items listed above, which are not shown on the attached Sediment & Erosion Control Plan.

GENERAL DESCRIPTION OF STORMWATER MANAGEMENT PLAN:

Insure sediment does not leave the site

GENERAL SEQUENCE OF CONSTRUCTION: Describe the general sequence of construction. Note any critical construction sequences, time restrictions, etc. of which the contractor must be aware in planning his activities.

1. Install silt fence and construction entrance
2. Strip and stockpile topsoil
3. Place jute mesh on south fill slope as soon as it is completed
4. Install rip rap energy dissipation at the discharge end of pipe as soon as pipe is installed
5. Place permanent grass on top of areas after asphalt is in place

TYPE OF SOIL DISTURBING ACTIVITIES PROPOSED:

Soil disturbing activities for this subdivision will include the following:

(Check those which apply)

- clearing and grubbing of existing vegetation
- stripping of topsoil within the limits of construction
- stockpiling and re-spreading topsoil
- utility trench excavation and backfill
- preparing subgrade for streets and sidewalks
- backfilling curbs and sidewalks
- construction of sediment basins and stormwater detention basins
- disposal areas for excess excavated material
- borrow areas for fill material
- construction of compacted fill areas for hotel construction
- other (specify) _____

NOTE: Limits of land disturbance must be clearly shown on the sediment and erosion control plan.

TOTAL SITE AREA: 10.42 ACRES
ESTIMATED AREA TO BE DISTURBED
BY ALL PROPOSED CONSTRUCTION ACTIVITIES: 3.5 ACRES

NOTE: Attach State Operating Permit if area to be disturbed is 5 acres or more.

RUNOFF COEFFICIENT PRIOR TO DEVELOPMENT: .3
RUNOFF COEFFICIENT AFTER DEVELOPMENT: .47

NAME OF RECEIVING WATER: N/A _____ CLASS _____
DISTANCE FROM PROJECT OUTFALL TO RECEIVING WATER: _____ feet

NOTE: If outfall discharge to more than one receiving water body, attach information for each outfall. If discharge is to a sinkhole, list **groundwater** as the receiving water, and submit a **Sinkhole Evaluation** report.

SEDIMENT & EROSION CONTROLS TO BE USED

TEMPORARY CONTROLS

- Silt fence
- Silt Containment Berm
- Diversion Berm or Swale
- Vegetative buffers
- Straw/hay bale dike
- Sediment Basin
- Temporary gravel construction entrance
- Other (specify) Slope stabilization

TEMPORARY STABILIZATION

Temporary Seeding Mulching
 Other (specify) _____

PERMANENT EROSION CONTROLS

Diversion berm Diversion swale
 Riprap/paved chute Riprap Outlet Protection
 Riprap channel lining Reinforced Sod Channel Lining
 Sod Channel Lining Concrete trickle channel
 Concrete channel lining Vegetative buffers
 Other (specify) _____

PERMANENT STABILIZATION

Seeding Straw mulch
 Hydromulch Pavement & other permanent surfacing
 Other

(specify)

NOTE: Attach specifications and details for any of the items listed above, which are not shown on the attached Sediment & Erosion Control Plan.

GENERAL DESCRIPTION OF STORMWATER MANAGEMENT PLAN:

Insure sediment does not leave the site

GENERAL SEQUENCE OF CONSTRUCTION: Describe the general sequence of construction. Note any critical construction sequences, time restrictions, etc. of which the contractor must be aware in planning his activities.

1. Install silt fence and construction entrance
2. Strip and stockpile dirt
3. Place jute mesh on south fill slope as soon as it is completed
4. Install rip rap energy dissipation at the discharge end of pipe as soon as pipe is installed
5. Place permanent grass on top of areas after asphalt is in place

PART III CONSTRUCTION PHASE

to be completed by GENERAL CONTRACTOR

GENERAL CONTRACTOR'S NAME: _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

PHONE #: _____ **FAX #:** _____

MOBILE #: _____ **PAGER #:** _____

The General Contractor must designate a **SEDIMENT CONTROL OFFICER** who has primary responsibility for ensuring compliance with the Stormwater Pollution Prevention Plan during construction .

NAME OF SEDIMENT & EROSION CONTROL OFFICER: _____

Phone # _____ **Fax#** _____

Mobile# _____ **Pager#** _____

SUBCONTRACTORS: Check land disturbance items for which subcontractors are to be used and attach list of subcontractors.

- | | |
|--------------------------|------------------------------------|
| _____ Grading | _____ Sanitary Sewers |
| _____ Storm Sewers | _____ Concrete drainage structures |
| _____ Paving | _____ Curb & gutter |
| _____ Concrete flatwork | _____ Sediment controls |
| _____ Seeding & mulching | _____ Water |
| _____ Gas | _____ Electric |
| _____ Blasting | _____ Other: _____ |

List all additional subcontractors whose scope of work includes land disturbance activities.

OTHER CONTRACTORS: List utility companies which will doing work on the site with their own contractors and any other contractors who may have land disturbance activities on the site:

Telephone: _____

Cable TV: _____

Other: _____

BLASTING: List all contractors who will perform blasting work or handle explosives. Attach insurance certificates for all contractors on this list.

SEQUENCE OF CONSTRUCTION: The General Contractor **MUST** complete the following sequence of construction for land disturbance activities before a Grading Permit is issued.

ITEM	SUBCONTRACTOR
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

GENERAL SEDIMENT CONTROL PRACTICES

The contractor shall implement the following general sediment and erosion control practices in addition to specific measures required on the SECP.

- ⊕ No more than 50% of the site or 10 acres, whichever is less, will be stripped of vegetation at any one time.
- ⊕ Clearing, grubbing and stripping topsoil is not allowed within 25 feet of a stream bank and should be avoided within 50 feet of a stream bank.
- ⊕ Work within watercourses and drainageways shall be completed as quickly as possible once the work has been initiated, and the disturbed area revegetated or protected from erosion as soon as possible. Work within watercourses may not commence until all

- ☛ equipment and material necessary to complete the work have been delivered to the site.
- ☛ Disturbed areas within 50 feet of a defined watercourse must be regraded, seeded, and mulched within 5 working days of the initial disturbance.
- ☛ If construction ceases in an area for more than 30 days that area must be seeded and mulch in accordance with the temporary seeding schedule.
- ☛ The maximum time period for disturbed areas to be without vegetative cover shall be minimized to the extent practical and in no case shall exceed 30 days.

MAINTENANCE/INSPECTION PROCEDURES

The following maintenance and inspection practices are required to maintain sediment and erosion controls:

- ☛ **All control measures will be inspected at least once per week and following any storm event of ½" or more.**
- ☛ All measures will be maintained in good working order. If a repair is necessary, it will be initiated within 24 hours of report.
- ☛ Silt fence and straw bales will be inspected **weekly** for proper anchorage and leakage underneath. Silt fencing shall also be inspected for tears.
- ☛ Built-up sediment will be removed from silt barriers when it has reached 1/3 of the height of the barrier.
- ☛ Sediment basins will be inspected for depth of sediment on a **monthly** basis and built up sediment will be removed when 1/3 of the basin volume is filled.
- ☛ Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth. Developer is responsible for maintaining planted areas until growth has reached 1" in height.

MATERIALS INVENTORY: List below all materials which will be stored outside on the site during construction:

- Pipe, fittings and joint compounds for underground utility piping
- Gravel and stone bedding material
- Concrete forming materials
- Other (specify) _____
- _____
- _____
- _____

NOTE: Fuels, oils, and other petroleum products; forming oils and compounds; fertilizers; pesticides; or any other hazardous or toxic compounds shall not be stored outside on the site unless specifically approved in this plan.

SPILL PREVENTION / MATERIAL MANAGEMENT PRACTICES

PETROLEUM PRODUCTS: All vehicles kept on the site will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used on-

site will be applied according to the manufacturer's recommendations.

FUELING & SERVICING: No fueling, servicing, maintenance, or repair of equipment or machinery may be done within 50 feet of a stream, or within 100 feet of a classified stream,

SPILL PREVENTION / MATERIAL MANAGEMENT PRACTICES (continued)

losing stream or sinkhole.

MUD TRACKING: A stabilized construction entrance has been designated on the plan. Only designated entrances can be used for construction access to the site. The General Contractor is responsible for keeping mud cleaned from adjoining streets on a daily basis if needed.

CONCRETE TRUCKS: Concrete trucks will be allowed to wash only in locations where discharge is directed to a sediment basin.

DISPOSAL OF OIL: No fuels, oils, lubricants, solvents, or other hazardous materials can be disposed of on the site. All hazardous material must be properly disposed of in accordance with State law.

TRASH / SOLID WASTE: The General Contractor is responsible for disposing of all solid waste from the site in accordance with State law. Dumpsters or other collection facilities must be provided as needed. Solid waste may not be buried on the site.

SANITARY WASTE: The General Contractor is responsible for providing sanitary facilities on the site. Sanitary waste may be disposed only in locations having a State permit.

OTHER DISCHARGES: Water for pressure testing sanitary sewers, flushing water lines, etc. may be discharged only in approved areas.

AIR EMISSIONS

BURNING: Any burning on the site requires a permit from the Missouri Department of Natural Resources. Call the Southwest Regional Office at 417/891-4300.

DUST CONTROL: The Contractor is required by State law to control fugitive dust blown from the site. Dust can be minimized by stabilizing areas with mulch as soon as possible. Watering must be provided in unstabilized areas. Fugitive dust emissions are regulated by the Department of Natural Resources. Call the Southwest Regional Office at 417/891-4300 for guidance.

OTHER GOOD HOUSEKEEPING PRACTICES: In addition to the foregoing, the following good housekeeping practices will be followed during the construction of the project:

- Ⓔ An effort will be made to store only enough product to do the job.
- Ⓔ All materials stored on-site 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.
- Ⓔ 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 shall inspect daily to ensure proper use, storage, and disposal of materials.
- Ⓔ Fertilizers will be applied only in the minimum amounts recommended by the manufacturer.
- Ⓔ All paint containers will be tightly sealed and stored when not required for use. Excess paint will not be dumped into the storm sewer system but will be properly disposed of

according to manufacturer's instructions and State regulations.

HAZARDOUS PRODUCTS

- ⦿ Products will be kept in original containers unless they are not resealable. If product is transferred to a new container, it must be properly marked and labeled
- ⦿ Original labels and material safety data will be retained.
- ⦿ If surplus product must be disposed of, disposal must be done in accordance with State law.

SPILL CONTROLS

- ⦿ The Sediment & Erosion Control Officer will be the spill prevention and cleanup coordinator.
- ⦿ In addition to the good housekeeping practices and material management practices listed in the previous sections of this plan, the following practices will be followed for spill prevention and clean-up:
- ⦿ Manufacturer's 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.
- ⦿ Material and equipment necessary for spill cleanup will be kept in the material storage area on-site. 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 immediately to the Local Emergency Planning Committee (LEPC) at 417-869-6040, regardless of the size of the spill. The permittee or his authorized representative is required to notify the MDNR Environmental Emergency Response in accordance with 40CFR117 and CFR302 as soon as they have knowledge of the discharge of any hazardous substance or petroleum product in excess of the reportable quantity.
- ⦿ The spill prevention plan will be adjusted to include measures to prevent this type of spill from re-occurring and how to clean up the spill if there is another one.

SAMPLING REQUIREMENTS

There are no sampling requirements required as a part of this plan. The Resource Management Department may require sampling and reporting as a result of illegal discharges, compliance issues, complaint investigations, or other such evidence of off-site contamination from activities at the site. If such an action is needed the Resource Management Department will specify in writing any additional sampling requirements.

PART V CERTIFICATION

CONSULTANT'S DECLARATION

I hereby declare that the Sediment & Erosion Control Plan and information contained in Part II of this plan has been prepared under my direction or supervision in accordance with City of Ozark Regulations, and applicable State and Federal Regulations and that the information submitted is, to the best of my knowledge and belief, true accurate, and complete.

CONSULTANT _____

By: _____ Title: _____
Date: _____

OWNER'S CERTIFICATION

I hereby certify, that I am the owner of the property described in this plan, or his legally authorized agent, and that I assume full responsibility for the performance of the operation stated in this plan .

OWNER _____

By: _____ Title: _____
Date: _____

GENERAL CONTRACTOR'S CERTIFICATION

I hereby certify that I understand the requirements stated in this plan, that I am responsible for completing the requirements set forth in Part III of the plan and shown on the Sediment & Erosion Control Plan, and that I am responsible for the performance of the subcontractors listed in the plan.

GENERAL CONTRACTOR: _____

By: _____ Title: _____
Date: _____

SUBCONTRACTOR'S CERTIFICATION

All subcontractors performing land disturbance activities must sign,

I hereby certify that I understand the requirements stated in this plan, that I am responsible for completing the requirements which have been listed in the plan as being a part of my scope of work.

SUBCONTRACTOR: _____

By: _____ Title: _____
Date: _____

RESPONSIBLE FOR: _____

SUBCONTRACTOR: _____

By: _____ Title: _____

Date: _____

RESPONSIBLE FOR: _____

SUBCONTRACTOR: _____

By: _____ Title: _____

Date: _____

RESPONSIBLE FOR: _____

SUBCONTRACTOR: _____

By: _____ Title: _____

Date: _____

RESPONSIBLE FOR: _____

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Revised 03/10/03