The Department of Natural Resources is providing this report to satisfy the requirements of the "Procedures Concerning Certain Licenses Act", IC 14-11-4, and its associated administrative rule, 312 IAC 2-3. The application files are available for public inspection at the Division of Water's office in Indianapolis. Please contact the Division's Technical Services Section at (317) 232-4160 or the toll free number 1-877-928-3755 to make an appointment for file review. Photocopies may be made for a nominal charge of $0.10 per 8 1/2" X 11" copy.

A pre-action public hearing on an application may be requested by filing a written petition with the Director, Division of Water:

Michael W. Neyer, P.E., Director
Division of Water
Room W264
402 West Washington Street
Indianapolis, Indiana 46204

For a petition to be considered valid it must:

1. Contain the typed or legibly printed name and complete mailing address of each petitioner;

2. Be signed by a minimum of 25 individuals who are at least 18 years old and either reside in
   the county where the project will take place or own real property within 1 mile of the project
   site;

3. Affirm that each signatory to the petition satisfies the requirements of item 2; and

4. Identify the application for which the public hearing is being requested either by the application
   # or the applicant's name and the project description.

A petition which does not meet these requirements will be considered invalid and the hearing
request will not be granted.

A person may request that the Department provide written notice of its action on an application
by filing a written request with:

Division of Water
Room W264
402 West Washington Street
Indianapolis, Indiana 46204

The request must identify the application by either the application # or the applicant's name and
the project description.
A total of six sites along the river will be cleared of debris and stabilized. Sites 1 and 2 will be reviewed under permit FW-27736. Permit FW-27735 will cover sites 3, 4, 5, and 6. Site 3: Fallen trees within the stream will be removed. Two jetties will be installed as marked on the west bank approximately 200' apart. Riprap will be installed between these structures along the bank slope not to exceed top of bank elevation. The height of rip rap from channel bottom to top of bank will be approximately 5' according to channel survey at the site. Jetty #1 will protrude approximately 20' into the channel and will be on a 35 to 40 degree angle to the bank. Jetty #2 will protrude approximately 15' into the channel and will be on a 20 to 25 degree angle to the bank. Both jetties will be as tall as the stream bank. Each proposed jetty will have a top width of 6' and side slopes of 1.5:1. Site 4: An earthen plug will be installed in a low section of the existing west bank to prevent the river from cutting a new channel through farm ground. All dirt for the plug will be acquired and trucked in from an offsite location. The earthen plug is approximately 50' long. The streamward side of the earthen plug will be armored with riprap. The height of rip rap from channel bottom to top of bank will be approximately 6' according to channel survey at the site. Two jetties will be placed along the west bank. Jetty #1 will be placed upstream from the plug a sufficient distance to deflect the water away from the area and Jetty #2 will be placed approximately 20' downstream from the plug. Jetty #1 will be placed on a 40 to 45 degree angle to the bank and Jetty #2 will be placed on a 25 to 30 degree angle to the bank. Both jetties will be approximately 20' long. Each proposed jetty will have a top width of 6' and side slopes of 1.5:1. Site 5: Three jetties will be installed to prevent erosion on the south bank and the consequent cutting of a new channel through the field. Jetty #1 will be installed upstream from the erosion site approximately 20'. Jetties #1 and #2 will be 35' apart with Jetties #2 and #3 being 32' apart. All three jetties will be on a 30 to 35 degree angle to the stream bank. Riprap will be placed between Jetties #2 and #3. The height of rip rap from channel bottom to top of bank will be approximately 8' according to channel survey at the site. Each jetty will be approximately 20' long. The bank area will be replanted with vegetation suitable to the location by the landowner. Each proposed jetty will have a top width of 6' and side slopes of 1.5:1. Site 6: A 30' long section of the south bank will be stabilized with riprap. Riprap will be placed to the top of the bank and will be keyed into the bank and stream bed. Height of rip rap from channel bottom to top of bank will be approximately 6'. Details of the project are contained in information and plans received at the Division of Water on October 22, 2014.
### Location:

Site 3: Beginning approximately 2,000' downstream from County Road 415 South working upstream for approximately 200' and ending at that point located in Section 26, Township 13 North, Range 9 East; Site 4: Beginning approximately 950' downstream from County Road 415 South working upstream for 50' and ending at that point located in Section 26, Township 13 North, Range 9 East; Site 5: Beginning approximately 2 miles upstream from County Road 650 South working upstream for approximately 100' and ending at that point located in Section 34, Township 13 North, Range 9 East; Site 6: Beginning approximately 3,600' upstream from County Road 650 South working upstream for 30' and ending at that point located in Section 34, Township 13 North, Range 9 East.

#### DOWNSTREAM:
- near Rushville, Orange Township, Rush County
- Manilla Quadrangle
- Quad Code: 3908555
- UTM Coordinates: Downstream 4375937 North, 626482 East

#### UPSTREAM:
- near Rushville, Rushville Township, Rush County
- Section 26, T 13N, R 9E, Rushville Quadrangle
- Quad Code: 3908554
- UTM Coordinates: Upstream 4378489 North, 629200 East

### Statute/Rule:

- Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
A total of six sites along the river will be cleared of debris and stabilized. Sites 1 and 2 will be reviewed under permit FW-27736. Permit FW-27735 will cover sites 3, 4, 5, and 6.

**Site 1:**
- Re-shape approximately 200’ of existing bank to a 2:1 slope and protect with 160 cubic yards of revetment rip-rap. Riprap will be toed into the bottom of the channel and the stream bank. The height of rip rap from channel bottom to top of bank will be approximately 14’ according to channel survey at the site. Riprap will not extend to the top of the bank. All work will be done from the west bank of the drain. Access to the drain will be via the drain right-of-way (ROW).
- Fallen trees within the stream will be used to reinforce the stream bank. Two jetties will be installed, on the south bank, at approximately 30 to 45 degree angle respectively to the bank in locations that will divert the water from the eroded bank. Jetty #1 will be at the head of the curve and Jetty #2 will be located midway into the curve approximately 150’ downstream. The jetties will protrude into the water approximately 15’ and will be as tall as the stream bank. Each proposed jetty will have a top width of 6’ and side slopes of 1.5:1.
- Details of the project are contained in information and plans received at the Division of Water on October 22, 2014.

**Location**
- Site 1: Beginning approximately 820’ downstream from County Road 150 North working upstream for approximately 200’ and ending at that point located in Section 28, Township 14 North, Range 10 East; Site 2: Beginning approximately 2,750’ downstream from County Road 150 North working upstream for approximately 175’ and ending at that point located in Sections 28 and 33, Township 14 North, Range 10 East
- **DOWNSTREAM:** near Rushville, Rushville Township, Rush County
  - Mays Quadrangle
  - Quad Code: 3908564
  - UTM Coordinates: Downstream 4387481 North, 635826 East
- **UPSTREAM:** near Rushville, Rushville Township, Rush County
  - Section 28, T 14N, R 10E, Mays Quadrangle
  - Quad Code: 3908564
  - UTM Coordinates: Upstream 4388097 North, 635907 East

**Statute/Rule**
- Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
Phases 4-A and 4-B of the Riverfront Erosion Control Phase 4 project will include the construction of a retaining wall, bike trail, concrete walkway, and a new storm sewer outfall structure. The retaining wall will be approximately 1073' long and will be composed of driven soldier piles (steel H piles on 8' centers) with reinforced concrete lagging panels that will be set in between the H pile flanges to hold the soil in place. The retaining wall system will include an 8' wide wheelchair access ramp that will extend from the proposed bikeway along the top of the retaining wall down to the proposed walkway along the base of the wall. The 8' wide concrete walkway will be 612 linear feet long and will extend from the proposed wheelchair access ramp to the existing river walkway at First Street. The 8' wide bikeway will be 1065 linear foot long and will connect the existing bikeways at First Street and Plum Street. The bikeway will have an asphalt-paved surface. The existing lawn area located between the proposed bikeway and the Front Street edge of pavement will be graded to a 3:1 sideslope to drain to a new system of trench drains and storm sewers. The proposed new storm system will be composed of a 36” reinforced concrete sewer outfall structure that will discharge into the Ohio River. The pipe will terminate with a pre-cast concrete end section that will conform to the bank slope. A flap gate will be placed at the end of the pipe to prevent backflow into the city. Riprap over geotextile fabric will be placed at the base of the end section for erosion control. The existing sand and gravel beach area located between the proposed walkway and normal pool elevation of the Ohio River will be cleared of all existing waste concrete, asphalt pavement, bricks, and miscellaneous debris and trash. Additionally, an existing 24” concrete headwall with a flood gate will be removed. Details of the project are contained in information and plans received at the Division of Water on October 27, 2014 and November 6, 2014.
Application # : FW-27751
Stream : St. Joseph River
Applicant : Virginia Rhodes
3820 Cottage Avenue
Mishawaka, IN 46544

Description : Remove and replace existing cement seawall with a glacial stone seawall. Approximately 165' of east/west stream bank will be stabilized with a glacial stone seawall to protect the bank from further erosion. The seawall will be keyed into the streambed at its base and will conform to the existing bank at the project limits. It will have a maximum height of 3½', a maximum streamward projection of 4' beyond the existing bank. Details of the project are contained in information received electronically at the Division of Water on November 7, 2014 and in plans and information received at the Division of Water on

Location : 3820 Cottage Avenue
near Mishawaka, Penn Township, St. Joseph County

Statute/Rule : Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10

Application # : FW-27752
Stream : Elliott Ditch
Applicant : Williams Creek Consulting Inc
Jim Rinehart
619 North Pennsylvania Street
Indianapolis, IN 46204

Description : Approximately 150' of Elliott Ditch's eroded north (right) stream bank will be stabilized with rip rap to protect the bank from further erosion. The stone will be keyed into the streambed at its base and will conform to the existing bank at the project limits. It will have a maximum height of 10', a maximum streamward projection of 9' beyond the existing bank, and 2:1 sideslopes. Details of the project are contained in information received electronically at the Division of Water on November 10, 2014 and in plans and information received at the Division of Water on

Location : Along the right bank of Elliott Ditch, approximately 150' downstream of Poland Hill Road
near Lafayette, Wea Township, Tippecanoe County
Section 8, T 22N, R 4W

Statute/Rule : Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
Application #: FW-27754

Stream: Big Run

Applicant: Celadon Trucking
Tim E Evans
685 East Main Street
Butler, IN  46721

Description: A commercial facility was developed along the (south/west) bank of Big Run to provide a parking lot. The facility consists of a 215' by 265' by 275' by 185' parking area constructed on 685 East Main Street. The fill covers a 215' by 265' by 275' by 185' area and varies in depth from 4" at the landward edge to 120' near the stream. It was set back 120' from the top of the streambank and has a finished elevation of 22', NGVD. The fill has 2:1 sideslopes from the finished grade down to the existing floodplain elevations. The parking area was constructed finished elevation of the fill. Details of the project are contained in information received electronically at the Division of Water on November 10, 2014 and in plans and information received at the Division of Water on

Location: 685 East Main Street
near Butler, Wilmington Township, DeKalb County

Statute/Rule: Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
<table>
<thead>
<tr>
<th>Application #</th>
<th>Lake</th>
<th>Applicant</th>
<th>Description</th>
<th>Location</th>
<th>Statute/Rule</th>
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</thead>
<tbody>
<tr>
<td>PL-22644</td>
<td>Lake Wawasee</td>
<td>Timothy D Stump</td>
<td>A new concrete seawall will be constructed across approximately 26' of the applicant’s 49.93’ channel frontage. The lakeward face of the wall will be located along the lake’s legal shoreline. The new concrete seawall will tie into the adjacent concrete seawall to the east and a steel sheet piling seawall to the west of the project. A new boat well will be constructed within the applicant’s property boundaries. The new well extend 24’ lakeward of the lake’s legal shoreline. A concrete seawall will be constructed along the sides of the boatwell. Details of the project are contained in information and plans received at the Division of Water on October 24, 2014 and November 3, 2014.</td>
<td>Vacant Lot, Lot 6, 3rd Addition to Sunset Park near Syracuse, Turkey Creek Township, Kosciusko County Section 17, T 34N, R 7E, Lake Wawasee Quadrangle Quad Code: 4108546 UTM Coordinates: Downstream 4584393 North, 605920 East</td>
<td>Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11</td>
</tr>
<tr>
<td>PL-22645</td>
<td>Lake Wawasee</td>
<td>Morgan Country Home LLC</td>
<td>A new glacial stone seawall will be constructed across 405’ of the applicant’s frontage and a new vinyl seawall will be constructed across 145’ of the applicant’s frontage. The lakeward face of the walls will be located along the lake’s legal shoreline. Details of the project are contained in information and plans received at the Division of Water on October 27, 2014.</td>
<td>11751 North Black Point Road near Syracuse, Kosciusko County</td>
<td>Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11</td>
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<td>PL-22646</td>
<td>Lake James</td>
<td>Heidi Herber</td>
<td>A new seawall will be constructed across 69' of the applicant's 69' frontage. The lakeward face of the wall will be located along the lake's legal shoreline. Details of the project are contained in information and plans received at the Division of Water on October 27, 2014.</td>
<td>2850 North Bay View Road; Lot 1 Potawatomi Acres near Angola, Steuben County</td>
<td>Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11</td>
</tr>
<tr>
<td>PL-22647</td>
<td>Lake James</td>
<td>Daniel Stone</td>
<td>A new concrete seawall will be constructed across 22' of the applicant's 22' frontage. The lakeward face of the wall will be located along the lake's legal shoreline. Details of the project are contained in information and plans received at the Division of Water on October 27, 2014 and October 30, 2014.</td>
<td>255 Lane 530 A near Fremont, Steuben County</td>
<td>Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11</td>
</tr>
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