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 roundabout with slip lanes in the SE and NW quadrants will replace the existing all-way stop controlled intersection. This project is at the intersection of US 421 and SR 32. A total of 283 cubic yards of clean fill will be placed below the base flood elevation along the NE/SE quadrant; however, only 24.5 cubic yards of that total will be outside of the hydraulic conveyance shadow. The area of impact below the BFE is 0.18 acres with 0.017 acres of that outside conveyance shadow. Additionally, only 0.005 acres of a 0.017 acre wetland will be impacted by construction. Details of the project are contained in information and plans received at the Division of Water on September 19, 2014 and September 29, 2014.
The existing 104' long, 7' diameter corrugated metal pipe culvert carrying State Road 205 over Phillips Ditch will be replaced with a new 128" by 83" by 107' corrugated metal pipe culvert with headwalls. W-beam guardrail will be installed on either side of the roadway over the channel. The roadway elevation will not change. The new culvert will be sumped 6" and will have upstream and downstream invert elevations of 807.28' and 806.78', respectively. The new culvert and headwalls will be skewed 31 degrees to match the existing skew and in alignment with streamflow. Channel shaping will occur upstream and downstream of the culvert within the construction right-of-way. The reshaped areas will be stabilized with an 18" layer of riprap over geotextile fabric. A cofferdam will be constructed for dewatering during construction; the cofferdam will consist of sandbags and impervious sheeting and will be in place for approximately 15 days. (INDOT Des# 1006123.) Details of the project are contained in information and plans received at the Division of Water on October 16, 2014.

Location : At the State Road 205 crossing
near Columbia City, Columbia Township, Whitley County
Section 15, T 31N, R 9E, Columbia City Quadrangle
Quad Code: 4108524
UTM Coordinates: Downstream 4555882 North, 626621 East

Statute/Rule : Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
Application # : FW-27731
Stream : Deep River
Applicant : Lake County Highway Department
Duane A Alverson, PE
1100 East Monitor Street
Crown Point, IN  46307-3521

Description : An existing single span prestressed concrete adjacent box beam bridge will be
removed and replaced with a single-span prestressed concrete hybrid bulb-T
beam structure with a 76’-6” span. The spill through abutments will have 2:1
slopes. Revetment riprap over geotextile fabric will be placed in front of both end
bents. The bridge will be skewed 8 degrees right to align with the stream flow.
Details of the project are contained in information and plans received at the
Division of Water on October 16, 2014.

Location : At the 101st Avenue crossing
near Crown Point, Ross Township, Lake County
Section 2, T 34N, R 8W, Crown Point Quadrangle
Quad Code: 4108743
UTM Coordinates: Downstream 4587067 North, 473914 East

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

Application # : FW-27733
Stream : Junk Ditch
Applicant : Kimmie D Swangim
2618 Freeman Street
Fort Wayne, IN  46802-6930

Description : A 24’ by 36’carport will be enclosed on the east and west sides. Specific project
information will be added to the description as the application is further reviewed.
Details of the project are contained in information and plans received at the
Division of Water on October 20, 2014.

Location : 2618 Freeman Street
near Fort Wayne, Wayne Township, Allen County
Section 9, T 30N, R 12E, Fort Wayne West Quadrangle
Quad Code: 4108512
UTM Coordinates: Downstream 4547122 North, 652840 East

Statute/Rule : Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312
IAC 10
Application #: FW-27734
Stream: Little Blue River
Applicant: Samuel Cohee Drainage Board
Marvin L Rees
101 East Second Street
Rushville, IN 46173

Description: The project proposes to reconstruct the drain to original specifications to improve drainage in the watershed. The drain has silted in and in some locations moved from the original specifications found in the Surveyor's office. Work will be done from only one side of the drain, preferably the east or north sides, the side less vegetated, or the side where wetlands are not present. No part of the drain's right-of-way will be clear cut of all vegetation. Where possible, the roots of the brush will be left in the stream bank to help prevent erosion. There will be very little, if any rip-rap used in this reconstruction. Wetland delineation has been done with wetlands being avoided. Ditch banks and any disturbed soil will be leveled and re-seeded when the project is completed. All cropland will be leveled to as near pre-construction conditions as is possible. Seeding is to be done as soon as the brush is cleared and area leveled. Details of the project are contained in information and plans received at the Division of Water on October 22, 2014.

Location: Beginning approximately 3,734' upstream from North County Road 150 West and continuing upstream for approximately 49,551' (9.38 miles) ending at County Road 1200 North (Henry/Rush County Line)
DOWNSTREAM: near Mays, Center Township, Rush County
Section 36, T 15N, R 9E, Mays Quadrangle
Quad Code: 3908564
UTM Coordinates: Downstream 4396778 North, 631603 East
UPSTREAM: near Dunreith, Center Township, Rush County
Section 4, T 15N, R 10E, Dunreith Quadrangle
Quad Code: 3908574
UTM Coordinates: Upstream 4405337 North, 634910 East

Statute/Rule: Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
This is an emergency repair permit application for repairs to be conducted due to heavy rainfall flooding damage in Switzerland County. Popcorn Ridge Road is presently closed and the repairs are needed at three sites as soon as possible. Site 1 will be reviewed under this permit application. Sites 2 and 3 will be reviewed under permit application FW-27748.

Site 1 includes scour and erosion repairs for Switzerland County Bridge 66 and will include the repair of erosion damage to one abutment slope on the upstream west side of the bridge and footer undercut repairs for scour that has occurred to the same west abutment and the bridge’s center pier. The work at this site will also involve the placement of shot rock approximately 3 feet deep to fill a 3.5 feet +/-channel scour hole that has developed under one of the Bridge’s two 2 spans that are supported by the center pier and the west abutment. Shot rock is to be placed under the normal pool level and OHWM to fill the scour hole and protect the repaired footers. In addition, the eroded embankment next to one of the bridge abutment wingwalls will be repaired. Shot rock is to be placed at an existing slope of approx. 1.5:1. The shot rock will be keyed into the stream channel and will extend approximately 14 feet into the channel. This key will also be filling in an existing scour hole. Also 54 cubic yards of structural grout will be placed along the perimeters of the abutment and pier footers to protect the footers that have been undercut below the OHWM.

Additionally, just east of the Bridge where an existing low flow concrete ford crossing exists over the tributary to Plum Creek. Structural grout in the amount of 9 cys is to be placed to fill voids within the cracked pavement surface structure. This will bedone to allow the use of the ford by material hailing equipment to access Site 2 which will be reviewed under permit application FW-27748.

Due to the multiple site damage and weight limitations on Bridge 66, the Contractor is expected to access the tributaries to Plum Creek and Plum Creek to the west of Bridge 66 with equipment to allow for the movement of materials needed to properly repair the damages. Trees and existing vegetation impact will be minimal as the creek has washed all vegetation from these areas when the damage was done. Details of the project are contained in information received electronically at the Division of Water on October 31, 2014 and in plans and information received at the Division of Water on November 6, 2014.
### Location:
At County Bridge 66 on Popcorn Ridge Road approximately 360 feet east of the intersection of Popcorn Ridge Road and Plum Creek Road near Vevay, Jefferson Township, Switzerland County
Section 31, T 2N, R 2W, Vevay North, IN-KY Quadrangle
Quad Code: 3808571
UTM Coordinates: Downstream 4296056 North, 670262 East

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

### Application #:
FW-27743

### Stream:
Flat Creek

### Applicant:
Alva Graber
9464 East 200 North
Loogootee, IN 47553

### Description:
A new bridge will be constructed over Flat Creek to carry private drive across the stream. The new structure will be a 6-span beam bridge. The structure will have an out-to-out length of 355' and a clear roadway width of 16'. The spill through abutments will have 2:1 sideslopes armored with riprap. The abutments and piers will be skewed 0 degrees to align with streamflow. The approach roads will be elevated a maximum of 10’ above the existing grade. An existing low water construction access crossing is placed within the right-of-way on the upstream (east) side of the proposed bridge. Details of the project are contained in information received electronically at the Division of Water on November 3, 2014 and in plans and information received at the Division of Water on November 3, 2014.

### Location:
Approximately 2670' east of the County Road 950 East crossing near Cannelburg, Barr Township, Daviess County
Section 20, T 3N, R 5W

### Statute/Rule:
Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
Application #: FW-27744

Stream: Little Indian Creek

Applicant: Lanesville Youth League Inc
Chan Bailey
1970 Ball Diamond Hill Road
Lanesville, IN 47136

Description: A concession stand serving the existing ball fields will be constructed in the south flood plain of Little Indian Creek. The building will be 30’ x 35’ 4”, two-story. The first floor will be constructed of masonry block and the second story will be wood framed with vinyl siding. Fill will be placed over an 80’ x 60’ area approximately 3’ deep to elevate the finished floor to elevation 672.24’, NAVD 88. The building will have 5’ sidewalks around two sides, a stair way and 5’ x 5’ pad on the creek side, and a 10’ concrete pad on the side opposite the creek with an accessible sidewalk to current grade. The fill will have 3:1 side slopes on three sides. Details of the project are contained in information received electronically at the Division of Water on November 3, 2014 and in plans and information received at the Division of Water on

Location: In the south flood plain of Little Indian Creek at approximately 1700 feet Northeast of the creek's intersection with State Road 62.
near Lanesville, Franklin Township, Harrison County
Section 30, T 3S, R 5E, Corydon East Quadrangle
Quad Code: 3808621

Statute/Rule: Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
The existing 21' x 13' x 36' plate arch culvert carrying County Road 300 North over East Fork White Lick Creek will be replaced with a new culvert system to allow for road widening. The new crossing will consist of a 28' span x 12' rise x 86' long precast concrete culvert set on spread footings with cast in place headwalls. The new culvert will have upstream and downstream invert elevations of 833.9', NGVD and 833.9', NGVD, respectively. The structure will be skewed 8 degrees to align with streamflow. Minor channel shaping will occur both downstream and upstream of the new culvert to improve the flow transition at the crossing. The shaping will be confined to the construction right-of-way. The reshaped areas will be stabilized with a 24" to 30" thick layer of riprap. The roadway will be elevated approximately 0.7' above the existing road elevations. W-beam guardrail will be placed along each side of the roadway over the channel. In addition, a new culvert crossing will also be placed in East Fork White Lick Creek to carry the new Ronald Reagan Parkway across the creek. The new crossing will consist of a 28' span x 12'-6" rise x 139' long precast concrete culvert set in spread footings with cast in place headwalls. It will have upstream and downstream invert elevations of 835.86', NGVD and 834.64' NGVD, respectively. The structure will be skewed 25 degrees to align with streamflow. Minor channel shaping will occur both downstream and upstream of the crossing to provide a better flow transition into and out of the culvert system. The shaping will be confined to the construction right-of-way. The shaped areas will be lined with a 24" thick layer of riprap. The approach roads will be constructed on fill placed to a maximum height of 20' over the existing elevations.

The applicant proposes to replace trees cleared within the floodway at a rate of 2:1 per acre. Based upon current design plans 1.39 acre of forested area will be cleared. As mitigation for this tree clearing, 2.78 acre of forested riparian corridor will be replanted by Hendricks County. The site proposed for this riparian restoration is the County's McCloud Nature Park, located west of North Salem. The structure carrying Ronald Reagan Parkway over East Fork White Lick Creek will have 215 linear feet of stream impact and, 1065 tons of riprap will be placed in the channel. The structure carrying County Road 300 North over East Fork White Lick Creek will have 145 linear feet of stream impact, and 640 tons of riprap will be placed in the channel. A mitigation plan is being developed for this project. A detailed Mitigation and Monitoring Plan is currently being prepared to summarize the proposed mitigation for impacts on the Ronald Reagan project. It is anticipated that this plan will be completed in the coming weeks, and a copy will be sent to the IDNR for review and comment. A temporary pump around will be required in order to set each structure. No temporary crossing or causeway will be required. Details of the project are contained in information received electronically at the Division of Water on November 5, 2014 and in plans and...
The crossings are located at CR 300 North over East Fork White Lick Creek and 370' upstream of this crossing where the proposed Ronald Reagan Parkway will be constructed near Avon, Lincoln Township, Hendricks County.

Section 19, T 16N, R 2E, Clermont Quadrangle
Quad Code: 3908673

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

Applicant: Norfolk Southern Railroad
Howard C Swanson
1200 Peachtree Street
Atlanta, GA 30309

Description: Norfolk Southern Railway (NS) is proposing to replace the Little River railroad bridge. The repair work would include removal of the bridge, abutments, and the three bridge piers and replacement with a new bridge. The replacement bridge will have two piers. Vehicle and equipment staging would occur within NS right-of-way in an area previously cleared for construction. A temporary rock causeway with culvert pipes would be installed in the Little River to facilitate access to the bridge location. No vehicles or heavy equipment will be driven into Little River. No land or tree clearance is anticipated. Disturbed areas will be restored with seeding and erosion control blanket following construction. Details of the project are contained in information received electronically at the Division of Water on November 5, 2014 and in plans and information received at the Division of Water on Milepost D 163.31 near Roanoke, Jackson Township, Huntington County.

Section 27, T 29N, R 10E, Huntington Quadrangle
Quad Code: 4008584

Statute/Rule: Flood Control Act, IC 14-28-1, with the associated Flood Hazard Area Rule, 312 IAC 10
This is an emergency repair permit application for repairs to be conducted due to heavy rainfall flooding damage in Switzerland County. Popcorn Ridge Road is presently closed and the repairs at three sites are needed as soon as possible.

Site 1 is being reviewed under permit application #FW-27742

Two sites (2 and 3) along an Unnamed Tributary to Plum Creek and located immediately adjacent to Popcorn Ridge Road will be repaired and stabilized.

Site 2 involves the rebuilding and protection of an eroded embankment where flooding has started to undermine Popcorn Ridge Road. The waters have destroyed the entire embankment. The stream channel has shifted as a result of flooding and is to be reestablished during construction. The normal water level is negligible to several inches. The site involves 2 sub-sites of 135 feet and 184 feet respectfully which will have a total impact along the length of the tributary of 319 lineal feet. The embankment reestablishment repair will involve a 13 foot bottom channel width and 1.5:1 side slopes that will start at a 3 feet offset from the existing pavement edge. Material excavated from the construction of the reestablished channel will be used as lower fill for the reestablished roadway embankment; this re-compacted material will be armored with shot rock at its base up to a maximum height of 5 feet. The shot rock will be keyed into the channel with the key extending a further 3 feet streamward into the channel. The remaining 10 feet of the channel width will be excavated from the existing rock debris within the channel. The channel will be graded to tie into the existing opposite bank near the project limits at a 3:1 slope. The channel bottom is composed of weathered shale-clayshale. Additional riprap fill material will be used as needed for areas above the shot rock armor and where an anchored vegetation system or erosion control blanket is not practical. Where possible, borrow will be used as fill for the upper slope which will be stabilized by the use of a heavy duty erosion control blanket or anchored reinforced vegetation system that will allow re-vegetation of the upper portions of the bank. Tree and vegetation clearing will only be as needed to provide access to vehicles which will need to enter the creek to conduct the work.

Site 3 is a slide repair that has occurred along Popcorn Ridge Road that is causing a road and embankment failure from the edge of pavement to the toe of the slope in the stream below. This slide repair will impact a length of 110 lineal feet of the tributary to Plum Creek at the toe of the slope. The embankment repairs will be composed of shot rock keyed into the channel. The shot rock is expected to be placed to a maximum height of 12 feet at a slope of 2:1 to 1.5:1.
The shot rock key will extend approximately 5 feet further into the channel than the existing toe of slope due to the unstable and eroded condition of the existing toe. The next higher level of the stabilized embankment shall be composed of Class II riprap at a 2:1 slope with the highest section near the roadway to be composed of compacted borrow as fill at a 2:1. This upper section will be re-vegetated.

Tree and Vegetation impacts are minimal as the flooding damage has already eliminated the vegetation that may have existed on the slide slopes. Details of the project are contained in information received electronically at the Division of Water on October 31, 2014 and in plans and information received at the Division of Water on November 6, 2014.

Location: Approximately 820' upstream (northeast) from the Plum Creek confluence

DOWNSTREAM: near Vevay, Jefferson Township, Switzerland County
Section 31, T 2N, R 2W, Vevay North, IN-KY Quadrangle
Quad Code: 3808571

UTM Coordinates: Downstream 4296263 North, 670534 East

UPSTREAM: Switzerland County
Section 30, T 2N, R 2W

UTM Coordinates: Upstream 4296689 North, 670931 East

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

Application #: PL-22649

Lake: Dewart Lake

Applicant: Bill and Carol Haldewang
3779 East 1000 North
Syracuse, IN  46567

Description: A new underwater beach will be constructed in front of the property of the applicant on Dewart Lake to provide a swimming area. The beach will consist of a 4" to 6" thick layer of (7/64" clean, washed pea gravel) placed directly on the lakebed. The beach will begin approximately 5' from the western property line and will extend across 37" of the 75' frontage. It will have a maximum lakeward projection of 50' or 6' water depth witch ever occurs first. Details of the project are contained in information received electronically at the Division of Water on November 5, 2014 and in plans and information received at the Division of Water on

Location: 3779 East 1000 North
near Syracuse, Van Buren Township, Kosciusko County

Statute/Rule: Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11
Application # : PL-22650
Lake : Hamilton Lake
Applicant : Steven Irven
358 Butterstone Trail
Columbia City, IN  46725

Description : A new 90’ rock seawall starting at the southern property line will be constructed within the applicants 270’ frontage on Hamilton Lake by putting heavy duty geotextile material down and hand place natural fieldstone up the bank to achieve a 1:1 slope on the varying bank height following the existing normal/average shoreline. 6 to 12 inch natural fieldstone will be used. Details of the project are contained in information received electronically at the Division of Water on November 5, 2014 and in plans and information received at the Division of Water on

Location : 160 Lane 270A
near Hamilton, Otsego Township, Steuben County

Statute/Rule : Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11

Application # : PL-22651
Lake : Pretty Lake
Applicant : Daniel Morris
7001 North 400 East
Muncie, IN  47303

Description : A new 50’ rock seawall will be constructed within the applicants 50’ frontage on pretty lake by putting heavy duty geotextile material down and hand place natural fieldstone 2.5’ up and 2.5’ out following the existing normal/average shoreline. 6 to 12 inch natural fieldstone will be used. Details of the project are contained in information received electronically at the Division of Water on November 5, 2014 and in plans and information received at the Division of Water on

Location : 4775 South 895 East
near Wolcottville, Milford Township, LaGrange County

Statute/Rule : Lakes Preservation Act, IC 14-26-2, with the associated Public Freshwater Lake Rule, 312 IAC 11