The Vanderburgh County Drainage Board met in session this 23rd day of August, 2016 at 4:52 p.m. in Room 301 of the Civic Center Complex with President Stephen Melcher presiding.

**Call to Order**

President Melcher: We’ll call to order the Vanderburgh County Drainage Board of August 23, 2016.

**Pledge of Allegiance**

President Melcher: If we could all rise for the Pledge.

(The Pledge of Allegiance was given.)

**Approval of the August 9, 2016 Drainage Board Meeting Minutes**

Commissioner Ungethiem: I move to approve the minutes from the previous meeting.

Commissioner Kiefer: So moved.

President Melcher: So, that was a second?

Commissioner Ungethiem: Was that a second?

Commissioner Kiefer: Huh? Oh, I thought you said… I thought you were still running the show.

Commissioner Ungethiem: I moved.

President Melcher: It happens.

Linda Freeman: Change the hats, gentlemen.

Commissioner Kiefer: Hey, trust me—

President Melcher: We have a first and a second?

Commissioner Kiefer: We’ve got a first and second.

President Melcher: All in favor say aye.

All Commissioners: Aye.

President Melcher: Alright, move on.

(Motion approved 3-0)

President Melcher: Thank you.

Commissioner Ungethiem: I’m confused. Go ahead.

**Clear Crest Estates: Final Drainage Plan (Continued)**

Linda Freeman: Madelyn handed out all of the agendas, I assume, and Clear Crest Estates, final drainage plan is to be continued. So, anybody that’s listening that is worried about Clear Crest Estates, September 6, 2016.
Linda Freeman: Heckel Commercial, we have a revised final drainage plan. Jeff's given me a little script here. So, I'm just going to read that. This submittal is for approval of a revised final drainage plan for a proposed 17 lot commercial subdivision located at the northwest corner of the intersection of Green River Road and Heckel Road, just south of the Goebel Soccer Park. The subdivision will utilize a large existing retention pond that was originally a borrow pit for Green River Road, but has and is continued to be converted into a retention pond for this project, as well as the Deaconess Sports Park. In addition to the retention lake, the plan consists of the design of the proposed storm sewers that will service all of the lots within the subdivision. The final drainage plan for this subdivision was originally approved on December 15, 2011. At that time there were three conditions placed on the subdivision at the recommendation of Bill Jeffers, the County Surveyor in 2011. The conditions, and the status of those conditions are as follows; first, a lake maintenance and storm drainage easement was to be filed as a result of the construction of the baseball complex. An easement was recorded on July 21, 2014. Second, a recordable document outlining future and long term perpetual maintenance was to be created. This was done, but a revised agreement is currently being addressed, and this agreement will be addressed on the plat for this subdivision. Third, a letter of credit will be filed for the shoreline to meet drainage code requirements. With the recording of the plat, this requirement will be met. Therefore, in summary, all of the original conditions have been or will be met with the filing of the plat. The final drainage plan was submitted on June 20, 2016, with additional submittals on August 9th, August 15th and August 22nd of 2016. The plan that is requested to be approved consists of the submitted documents dated June 20, 2016, responses dated August 9th, August 15th of 2016, an e-mail dated August 15, 2016, along with the drawings that consist of the following; drawings C-1.1, and 6.0, dated received by the Surveyor’s Office August 9, 2016; drawings C-3.0 and C-4.0 dated August 15th received, and drawings Cpoint, sorry, C-1.0 dated August 22nd. A copy of the review of the submitted drainage plan has been approved and it is requested that the review document also be made part of the approved final drainage plan. The drainage plan was reviewed by the County Surveyor and found to be in compliance with Vanderburgh County’s drainage code with one exception, and therefore is being submitted to the Drainage Board for approval under section 13.04.090. The one exception is a request by the developer to not grade a portion of the lake to the drainage code standards. For a wet retention basin, the side slopes are to be graded to 4:1 slopes to a point two foot below the water elevation, and the slopes are to be seeded to a grass mixture. The current lake does not meet that standard. The developer plans to address this deficiency and create a four-foot safety ledge around the entire lake, per the code, with the exception of one area along the north property line along the soccer park, which is approximately 500 feet. The area where this would not be done, the developer is requesting to leave it in its current state so as not to disturb the narrow area between the lake and the soccer fields. You have in your handout a copy of this request. The Surveyor also recommends the following condition; first, that no certificate of occupancy be granted to any building until the storm sewer system servicing the building be constructed. Second, that the improvements to the retention lake, as outlined in this plan, be completed by October 1, 2017, and that an as-built record drawing or engineering certification be submitted by November 1, 2017. If you've got any questions, we’re talking, this is the Heckel Commercial area that we’re talking about. If I click the right button, aw, phooey, there we go, that red line is basically the area that they're talking about not wanting to disturb. So, we’ve made adjustments to the drawings that they're going to do a fence, and have "no trespassing" signs to keep people out of there.

President Melcher: Any questions?

Linda Freeman: Then, Jim Farney is here.

Commissioner Ungethiem: The only question I’ve got is, this area is adjacent to the soccer field—

Linda Freeman: Right, and there’s fencing, basically right where you can see the tree line.
Commissioner Ungethiem: Well, that wasn’t my question about the fencing. I remember, several years back when the river got up 47-48 feet, we were out there sandbagging that soccer field to try to keep the rubber particles on the field from floating away and destroying the field. Is this any higher than the soccer field? Is this a, is this going to be an issue when the river comes up?

Linda Freeman: I’m not sure, but Jim Farney is stepping up, so, I guess he has an answer, hopefully.

Commissioner Ungethiem: Okay.

Jim Farney: No, it’s not. Right now the water, as it leaves the lake, goes out the east end of the lake, the northeast corner. So, it flows from that lake into the triangular lake that you’ve seen at the southeast corner of the soccer complex.

Commissioner Ungethiem: Right.

Jim Farney: Then from that lake it goes north along Green River Road to Firlick Creek.

Commissioner Ungethiem: But, if you look at the other view that we had, who’s controlling the—

Linda Freeman: Oh, heck, I’m not very good with Power Point.

Commissioner Ungethiem: Go backwards.

Linda Freeman: Yeah, I don’t know how to…I’ll probably just have to click—

Commissioner Ungethiem: Previous.

Linda Freeman: Previous, there we go. We need a monitor right here, by the way, so you can, like those of us that have older eyes.

Commissioner Ungethiem: The area we’re talking about is in blue, correct?

Jim Farney: Blue is the subdivision. The red line is to the left of the blue.

Commissioner Ungethiem: Right, I guess, my question is, is that subdivision higher than the soccer field next to it? Will it flood, like the soccer field floods when the river comes up?

Jim Farney: Some of the dirt that came out of that borrow pit was used to fill the lots in the subdivision. The rest of the dirt that came out of that borrow pit was used to build Green River Road. So, the lots have been elevated to meet the 100-year floodplain elevations of the lots.

Commissioner Ungethiem: Okay.

Jim Farney: But, the northwestern most lot in the subdivision actually is fairly unbuildable, because there is a large outlet ditch that takes the water between the two lakes, that connects the two lakes.

Commissioner Ungethiem: Where the trees are?

Jim Farney: No, east of the trees.

Commissioner Ungethiem: In the northwest corner of the blue square?

Jim Farney: Inside the blue square.

Commissioner Ungethiem: Yeah.

Jim Farney: Yeah, this drainage easement, this is the last lot, Lot 17. This is all still low. When they filled these lots they did not fill this lot.

Commissioner Ungethiem: Okay.

Jim Farney: So, this is the outlet.
Commissioner Ungethiem: So, the water runs this way, goes—

Jim Farney: So, the water all goes that way. The red line you’re seeing is over here.

Commissioner Ungethiem: Then crosses Green River Road and goes out to Pigeon Creek?

Jim Farney: It goes north along Green River Road to Firlick Creek, and then it goes under the Firlick Creek Bridge over to Green River Road and into Pigeon Creek.

Commissioner Ungethiem: Okay.

Jim Farney: So, there’s still, basically, this whole lot is still the outlet for any water that would have to go... if everything became flooded, like you say, which we’ve all seen, the whole road here floods, you would, what you would end up seeing is just one continuous body of water being through here and connecting the other lake. Then all the way up north to Firlick Creek you would see continuous water, but, it’s all contained within that lot.

Commissioner Ungethiem: Okay.

President Melcher: Okay. Any other questions?

Commissioner Kiefer: I’m abstaining, so, I’m staying out of the conversation. I represent the landowner here.

President Melcher: Okay, I don’t have any questions. Bruce, do you got any more?

Commissioner Ungethiem: No.

President Melcher: Do you got any final thing anybody wants to say? Anybody in the audience with anything?

Commissioner Ungethiem: I make a motion to approve the final drainage plan.

President Melcher: Second. All in favor say aye.

Commissioner Ungethiem: Aye.

President Melcher: Aye.

Commissioner Kiefer: Abstain.

Madelyn Grayson: And that was with the variance that they requested?

Joe Harrison, Jr.: Yes.

President Melcher: Uh-huh.

(Motion approved 2-0. Commissioner Kiefer abstained.)

Application to Affect Harper Drain

Linda Freeman: The next thing on the agenda is the application to affect Harper Ditch, which is a regulated drain in Vanderburgh County. The development is actually within the city limits, but they are going to be impacting Harper Ditch, sorry. Harper Ditch basically is this red line here. It goes up behind the apartment complexes and stuff, then goes under Eastland Place and under Eastland Mall, and outlets the Wabash-Eerie Canal. The area they’re talking about developing is in this area. Basically, it’s a request from Spurling Development to install an outlet from a proposed retention basin for a residential and future commercial development along Virginia Street. The application includes a copy of the drainage plan that was submitted to the City Engineer’s Office and approved. The outlet pipe is to be a 21-inch diameter pipe, which will not only carry the design flow, but will also act as an emergency overflow from the pond. The Surveyor’s Office wants to point out that the Harper Ditch is in a highly developed area, but the basin was designed to have a large amount of storage, and that the calculated outflow values tend to be
conservative. So, basically, the paperwork you guys, Madelyn has for you to initial, the application to affect that drain.

President Melcher: Questions?

Linda Freeman: The city has approved, and if you’ve got any questions, Jim Morley, Jr. is here.

Commissioner Kiefer: I’ll make a motion to approve the request to connect to legal drain.

Commissioner Ungethiem: I’ll second it. I have a question. Currently, where does that water that falls on that field go? Does it go to that retention pond?

Jim Morley, Jr.: Lucky I was here.

Linda Freeman: Yeah.

Commissioner Ungethiem: It looks like it’s wet up here in the north.

President Melcher: We had to figure out a way to get you up here.

Commissioner Ungethiem: Yeah, we had to get you out of your seat.

Jim Morley, Jr.: This way I’ll make the t.v.

Commissioner Ungethiem: We had to get you out of your seat, Jim.

Jim Morley, Jr.: And warrant my job. Currently that water, the property itself is pretty flat. So, a good chunk of it just goes straight down, but then that water then drains over to the ditch there. That is the, Harper Ditch is the, the next ditch up is quite a ways over that way, and they’re all just ditches that were cut 100 years ago to drain those old farm fields, is what they are.

Commissioner Ungethiem: Yeah.

Jim Morley, Jr.: Yeah, but for the most part, there’s not much the discharge from a site like this is pretty low, because you have to model the discharge out of the basin, based on what leaves the site now. On a flat site it’s a pretty low amount.

Commissioner Ungethiem: We’re not adding any volume to Harper Ditch here?

Jim Morley, Jr.: No.

Commissioner Ungethiem: Now, once they develop it, obviously, there’s going to be more run off or there will be retention ponds to hold that?

Jim Morley, Jr.: Yeah, there’s a big…do you want to—

Linda Freeman: I was going to say, do you want to see the big picture?

Jim Morley, Jr.: Yeah, there’s a, right there in the middle, that big square in the middle is a retention basin. So, it’s got a big retention basin in the middle of it.

Commissioner Ungethiem: Okay.

Commissioner Kiefer: So, that retention basin then would release on a slower time frame to control into Harper Ditch?

Jim Morley, Jr.: Yeah, so all of, basically everything here will drain into the basin, and then there’s a pipe right here that comes out and over to Harper Ditch. It’s a much restricted discharge.

Commissioner Ungethiem: Understood.

Jim Morley, Jr.: They need to fill that area anyway, so the retention basin plays double duty of a borrow pit and a retention basin.

Linda Freeman: Yeah, typical east side build out.

Jim Morley, Jr.: Yeah, pretty much.
President Melcher: Okay, any other questions?
Commissioner Kiefer: I made the motion.
Commissioner Ungethiem: I seconded it.
President Melcher: All in favor say aye.
All Commissioners: Aye.
President Melcher: Three-oh it passes.

(Motion approved 3-0)

Jim Morley, Jr.: Thank you very much.

Linda Freeman: Do you have any other business, because I don’t think I do.
Commissioner Kiefer: Claims?
Linda Freeman: We do have claims, which is the next one. Madelyn has those for your signatures.
Commissioner Kiefer: Is there anything unusual on the claims?
Linda Freeman: We did have, we had a t.v. and a dryer thrown into one of our ditches. I can’t remember which one got, that was Pond Flat Main on Mosquito Road Bridge. Somebody threw a large t.v. and a dryer over. Kevin Rexing of Rexing Enterprises noticed it, and him and his brother got that out of there. It took a little bit. That was on Pond Flat Main. Then on Pond Flat Lateral D, the railroad came through again and pitched their ballasts over their railroad bridges. So, they had some rock and stuff in the ditch, him and his brother literally shoveled it up, and shoveled it out. So, the dryer and the t.v. removal, they charged us $100 on Pond Flat Main, and then $300 for Pond Flat Lateral D, but that’s really cheap labor.
Commissioner Kiefer: Okay.
Linda Freeman: So, we’ve got, and then everything else is just regular, you know, annual maintenance.
Commissioner Kiefer: Right.
Linda Freeman: Spraying, mowing, that type of thing.
Commissioner Kiefer: I’ll make a motion to approve the ditch maintenance claims.
Commissioner Ungethiem: I’ll second.
President Melcher: All in favor say aye.
All Commissioners: Aye.

(Motion approved 3-0)

Linda Freeman: Thank you.

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Commissioner Ungethiem: I’ll second.
President Melcher: All in favor say aye.
All Commissioners: Aye.

(Motion approved 3-0)

Linda Freeman: Thank you.

President Melcher: Public comment? Anybody in the public have a comment?
Linda Freeman: Any public comment?
President Melcher: Going once.
Linda Freeman: Going once, going twice.
Commissioner Kiefer: I'll make a motion to adjourn.

Commissioner Ungethiem: I'll second.

President Melcher: All in favor say aye.

All Commissioners: Aye.

President Melcher: We are adjourned.

(Motion approved 3-0)

(The meeting was adjourned at 5:08 p.m.)

Those in Attendance:

Stephen Melcher
Linda Freeman
Jim Farney
Members of Media

Joe Kiefer
Joe Harrison, Jr.
Jim Morley, Jr.

Bruce Ungethiem
Madelyn Grayson
Others Unidentified

VANDERBURGH COUNTY
DRAINAGE BOARD

________________________________________
Stephen Melcher, President

________________________________________
Joe Kiefer, Vice President

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Bruce Ungethiem, Member

(Recorded and transcribed by Madelyn Grayson.)