The meeting was called to order Tuesday April 5, 2016 at 2:06 PM.

Those present were as follows: Mr. Kenton C. Ward, Hamilton County Surveyor; Ms. Morgan Bennett, Hamilton County Health Department; Mr. John Havard, Citizens Energy Group; Ms. Jamie Foreman, City of Carmel; Mr. Andy Wert, City of Noblesville; Mr. Gary Duncan, Hamilton County Surveyor’s Office; Mr. Jacob Barker, Wessler Engineering; Mr. Joe Higgins, Town of Cicero, Mr. Ryan Smith, Indiana-American Water; Mr. Anthony Isenberger, City of Carmel; and Mr. Kirk Kuroiwa, Indiana-American Water.

**Minutes of January 5, 2016:**
Changes were made to the minutes. Kuroiwa made the motion to approve the Minutes of January 5, 2016 as amended, seconded by Wert and approved.

**Community Updates:**
Sheridan – Barker stated that Sheridan’s Wellhead Protection Phase II Plan is due May 14, 2017. Sheridan had their Wellhead Protection local planning team meeting last Monday, which was the 29th of March, focusing on updating the contingency plan this year and distributing that to all the local emergency responders. We’re going to send one to the Health Department to Morgan’s attention if that’s alright.

Bennett stated that the contingency plan can be sent to her.

Cicero – Higgins stated that he had no updates.

Indiana-American Water (Noblesville) – Kuroiwa stated that their Wellhead Protection Plan five year update was approved last month. We’ll be examining our groundwater sources supply sometime this year. We had a test well drilled at the same location we drilled No. 6 on Riverwood Avenue and that test well will probably be converted into a production well.

Carmel – Foreman stated that she has no updates.

Indianapolis/Harbour Water – Havard stated that the Westfield Wellhead Protection Plan was turned into IDEM in March. I always give the Surveyor a copy of the Wellhead Protection Plan, but does the Health Department want one as well?

Bennett stated sure.

Havard stated once we get it approved I’ll send it to both departments. In the Westfield Wellhead Protection area by the Intermediate School Riverview Hospital is planning on installing a facility there and they want to use a geothermal heating and cooling system. It’s right in our Westfield North Plant Wellhead area. A geothermal system is a series of tubes that are set in the ground; I believe this one goes fairly deep. I looked at the construction of the geothermal system that they’re planning. They haven’t got all the details worked out on the design or who’s going to install it. Has anyone had experience dealing with a large geothermal system in a well field and if they had trouble or no trouble?
Kuroiwa stated that we had a geothermal furnace at our Wayne Street Plant. The water wasn’t recycled, it just went down the drain. We didn’t experience any issues.

Havard asked if the water is drawn out of the ground, put it through your heating and cooling system and then just pumped right back?

Kuroiwa stated that the water went to the wastewater plant.

Foreman stated that we had geothermal at our treatment plan, but we used the water that’s coming in from the production wells and once out then goes back to the top of the head works, across the filters so there’s no waste.

Havard stated that the Riverview Hospital facility wants to put it in circulation so they’ll pump water. I guess they’ll fill the closed loop system with water then put chemicals into the water like a biocide and antifreeze. They haven’t described exactly what chemicals they would use. They put it through these HDPE pipes, several hundred of them and each loop is set into a hole that’s in the ground and after they put the HDPE pipe in the ground they fill the hole with a thermal conductive grout and that seals the pipe in place. It sounds like it will be long term and decades of use on this system. I didn’t object to the installation of it.

Smith asked if Havard knew how much water the hospital will be drawing out of the ground each day?

Havard stated that he believes it’s a closed loop system, so it’s only a small amount and it won’t really affect our well field in terms of production and availability. My concern was what kind of contaminant could get into the groundwater.

Ward asked Havard if he had any report on the dredging of Morse Reservoir?

Havard stated that he doesn’t. Last time I heard they were still evaluating different options on what they need to do there, but I can look into it and see where they are. I don’t know if it’s going to happen this year or not, but I’ll do further investigation on that. We are dredging Geist Reservoir right now.

Ward asked where?

Havard stated just north of the Olio Road Bridge.

Ward stated near the Thorpe Creek outlet area.

Havard stated that there is an IMI Plant close by.

Ward asked if Havard has heard any more about Mounds Lake?

Havard stated no, only that Citizens neither supports it or objects to it. We’re not taking sides on the issue. Right now Citizens doesn’t see any need for the water supply from there.

**Discussion:**
River Avenue Well – Higgins asked how far the new well is from the pavement plant on River Avenue?

Kuroiwa stated that we’re close to the Duke Energy Power Plant.

Higgins asked if they do any quarrying there?

Kuroiwa stated that we’re not in the River Avenue area. Citizens has wells there.
Spill at Circle K - Foreman stated that there was a gas spill at the Circle K at 106th Street & College in 2013. I was in a meeting where they said there’s only been one detection so they’re looking to stop their remediation process and close that site. Has the Surveyor’s Office gotten anything on review? They sent me a letter stating that they sent a request to IDEM asking to review and look at it from a wellhead perspective, but I didn’t know since this is the county’s jurisdiction; we weren’t the department that they called immediately because it’s in the county’s jurisdiction.

Ward stated that he hasn’t seen anything on that.

Foreman stated that she doesn’t remember who the contractor/consultant is for that, but that is in play. They’ve taken all these samples and I know it wasn’t as big as they once thought it was and the fact that the HASMAT unit was right across the street made that response really quick. They haven’t had any indication that anything moved off site whatsoever. They’re asking IDEM to review closing that site.

Ward stated that he hasn’t heard anything from Greg (Hoyes) on this. I’ll ask if he has seen anything.

Foreman stated that she hasn’t submitted her final response, but I can copy you on it when I do from Carmel’s wellhead perspective.

Ward stated that would be great.

Foreman stated its American Environmental Corporation.

Ward asked if the Health Department has seen anything?

Bennett stated that she hasn’t heard anything about it since it first happened. We sampled a few times.

Ward stated that he didn’t think there was much product released.

Foreman stated that initially they thought it was substantial because as soon as they noticed the smell then they noticed there was accumulation in some of the pits in the parking lot, but most of it was captured right there. The corporate office for American Environmental is off Towne Road. That’s Circle K 2363; that’s the number assigned to it or the facility ID #19627.

Wellhead Ordinances – Ward stated that Havard has asked for our wellhead ordinances throughout the county and I still owe him that. The meeting for the TAG is….

Foreman stated April 20, 2016. Are you talking about the county ordinance or each individual utility jurisdiction because it differs?

Ward stated that he was going to give him each one that we have.

New Fuel Station – Wert stated that Noblesville has a potential fuel station going in on the northeast corner of S.R. 38 and South Harbour Drive. It’s in the five year time of travel of the Harbour Well Field.

Havard asked who the potential fuel station was?

Wert stated that Marina Corporation owns the property. The area is already zoned for the fuel station so there probably won’t be a public hearing.

Havard asked how the Rickers Station is doing on River Road? Do you track it?

Foreman stated that we get quarterly reports from them. The original proposal was to test the monitoring wells annually, but I requested that the testing be done quarterly. We also request all of their maintenance logs that we reviewed during the O & M process so we receive all of their daily, weekly and monthly checks specifically on the aqua swirl system for the parking lot that would go out to the lined retention pond that they have. It’s been great so far, we’ve had no issues whatsoever.
Havard asked if there is the potential to put those kinds of requirements on the new service station at S.R. 38 and South Harbour Drive?

Wert stated that our ordinance is a little stricter than Carmel’s in terms of wellhead protection. Since it’s not going through a public hearing it will be difficult to require more than our ordinance requires.

Foreman stated that the property at 146th Street & River Road was zoned years and years ago as a potential filling station and that’s why it never went as far as a public hearing. As far as the requirements there were no set requirements it was an agreement that we want this property bad, we really want to develop on it and it was a partnership. Instead of coming in and saying ‘there’s nothing you can do to stop us, we’re going to build this per requirements and that’s all you can ask of us”. They could have said that, but they didn’t they wanted to make sure that environmentally it was going to be a good fit. They did everything in their power to not cause something there. There was discussion back and forth as far as what good implementation was and what was bad. The utility hired someone to review the plans because we don’t build gas stations everyday so we don’t know what good material is or not. There were very few things that they didn’t comply with or at least talk with us about as far as why we wanted something. If they saw the benefit in it like me asking for monthly sampling as opposed to every year, that’s a significant financial obligation over the longevity of the fueling station and they didn’t bat an eye on it because they know where they’re at, they know the location and they knew the severity of it.

Wert stated that the plan will go through our technical advisory committee.

Havard stated that Citizens would be interested in using the model that Rickers complied with. It sounds like its working really well. There are no hints of contamination getting into the aquifer the way you’re report sounds.

Foreman stated as far as monitoring wells, but we get all the inspection reports on detection in their sensors that they have in the secondary containment. The tanks have secondary containment, but they’re ultimately surrounded by concrete barriers that has pea gravel in which there are sensors. We went through and toured that location prior to start up so we could see how the computerized system worked and how the training of the employees went if certain situations happened and who’s on call even down to discussing the hours of operation for this location. That’s when they said does it really matter? If its 24 hours and you’re going to physically have a person there, but if it’s closed down in the evening time then everything is just off of computers which is fine, but that was one of the questions that we asked; what are the hours of operation as far as looking at their contingency plan. All of that information was provided ahead of time and all of our utility information is documented in their plans as well. They are also building a filling station at 161st Street in Westfield. It does not fall in your wellhead protection area, but given how far northwest ours goes it’s in our five year time of travel so it pops up on IDEM that they needed to contact us over that. I have no enforcement power there because it’s in Westfield’s jurisdiction, but as a recommendation it could be put that if a spill or incident occurred one of the first contacts down the line needed to be Carmel Utilities because it’s our wellhead protection area. All I can do is ask for that.

Ward stated that if Foreman would give Greg (Hoyes) her comments on the filling station at 161st Street he can mirror her comments at Westfield TAC.

Contingency Planning – Barker stated that he has been working on Sheridan’s Contingency Plan recently and a year or two ago we had discussed having some sort of standardized contingency plan. I don’t think anything ever came of it and I don’t think I paid much attention to it at the time because I wasn’t updating Sheridan’s Contingency Plan, but as I have gotten into it recently I got to a portion of the plan where we talk about alternate supplies of water and water haulers. It’s a little bit different for Sheridan than it would be for Westfield, Indiana-American or Citizens; maybe more along the lines of Cicero where we only have one well field with three wells. If there’s contamination at all three of those wells or in that one aquifer what is our alternate source of water? Right now on that list we have Kirk (Kuroiwa) on there as a contact for Indiana-American. John Duffy with Carmel Utilities is on that list as well and he probably doesn’t know that. This list was developed in 2002 and updated in 2011, but it would be nice and practical if the list was standardized; if our list of alternate water suppliers was standardized. I don’t
know how beneficial it would be to Citizens, Indiana-American or Carmel Utilities, but Cicero would get some use out of knowing who your contacts were for available water supplies should you ever see contamination at your well field. Is that accurate? If Sheridan ever encountered a situation where they had a contaminated aquifer and they called Indiana-American could you at least get them in the right direction as far as drinkable water?

Kuroiwa stated yes.

Barker stated same with Carmel and can I put Citizens on that list and who would be a good contact there?

Havard asked how Indiana-American would get water to Sheridan?

Kuroiwa stated that they would have to haul it.

Barker stated that Sheridan has water haulers.

Havard asked if we would go to a truck filling station or do we just come up to a hydrant?

Kuroiwa stated that right now we issue a hydrant meter, but we will have a hauling station in the near future.

Higgins asked who would haul the water?

Kuroiwa stated that the entity would have to arrange that.

Higgins stated that he has pool water haulers and pavement water haulers and Place Management comes in there all the time to get water at our fire station. We have the supply for it, but a fire hydrant isn’t really a palatable water supply. Who deems a truck suitable for palatable water because they have to have the tank disinfected?

Foreman stated that if you’re using it for an emergency situation and that’s something we talked about in some of our other meetings as far as ERP’s and resiliency was so many people think they’re going to put it in a tanker truck, but they don’t really have a list of where they’re going to get this disinfected tanker truck at. Do you talk to the local dairy farm because they’re used to disinfection. Some plans have things in them like a tanker, but it’s not listed where they can get a tanker from.

Kuroiwa stated that he believes the National Guard has contingency plans for hauling water.

Foreman asked if it was in Indiana Code at all as far as disinfection.

Kuroiwa stated that if you needed one disinfected they could probably go up to Prairie Farms or Best Ever Dairy in Anderson to disinfect tanks and put the citizens on a boil water advisory and have people boil water before they consume it.

Higgins stated that we have palatable water inside the fire station. They’re not like the fire hydrant. Cicero could fill Sheridan up in a pinch.

Havard asked how much water would Sheridan need?

Barker stated that this is a hypothetical situation, I really don’t know, but just enough to supply the community; Sheridan has a second well field that they have abandoned, but they’ve continued to manage it for emergency purposes or to meet future water demands, but Sheridan in that sense would just need a stake supply of drinkable water until they could start constructing new production wells. We’ve spoken with Wal-Mart, groceries stores; Wal-Mart has an emergency action line that they can actually send in bottles of water as well. There are other sources, but I was curious about local; I don’t sit on any other planning teams like this Countywide Wellhead Protection Team so I was interested to know how that
communication would be relayed from Sheridan to Indiana American or Citizens and would you be willing to accept a phone call from Mark Evoy at the Town of Sheridan saying we need some water.

Kuroiwa stated that our contingency plan is a template that we use at all our districts and it’s just fill in the blank. When you get down to an emergency situation you’re going to be working through a lot of the details at that time. Your contingency plan is going to be a lot of contact numbers, but primarily when you have an emergency you’re going to have to determine what’s the contaminate and what’s the solution. Will you need a new source of supply, do you need treatment installed, what’s the timeframe; it’s hard to plan for all those things so ours is basically just a contact list.

Barker stated which is probably why we never got too far along in this standardized contingency plan that we talked about because it does differ significantly between the communities. Sheridan has a pretty well established contingency plan that talks about their specific needs and their water sources. They have two well fields so they’re not just going to comply to that one well field where they’ve had to completely shut down production and find a new water source so to speak. I understand if there’s not much of a need or benefit to standardized contingency plan on the whole, but maybe some portions of it, local contacts for instance would be beneficial.

Higgins stated that a lot of your contaminants will be treatable. I’d be more worried about power outages and your generator quits.

Kuroiwa stated that he will see if he has an electronic copy of what we use and send it to Barker.

Foreman stated that she will verify if John Duffy is the primary contact. I can list some alternate contacts as Carmel has grown significantly.

Barker stated thank you, but again this is a hypothetical situation that will hopefully never happen, but we’ve seen in other water supply contamination recently nationwide.

Foreman stated that even if you weren’t looking at contamination, maybe you were just looking at significant long term drought and that well field went down and now you have to figure out your alternative until maybe fall or heavy rain season comes.

Lead In Drinking Water – Barker stated just out of curiosity Sheridan has received a number of calls from concerned water customers about lead in drinking water. Has anyone else been receiving calls about that?

Bennett stated the Health Department has and she tells them to call the utility company.

Barker stated that in Sheridan someone is renting a home and the property owner told the renter that there was lead in Sheridan’s water source and to call them. I think sometimes the concerned citizen gets the message that there’s not a chance that the lead is coming from the materials from my home, it’s coming from the water source; it has to be the water source. The majority of times it was the materials that were used in the home; lead pipes and copper pipes.

Foreman stated that was the original misconception behind the media’s information that was being pushed out headlines of Michigan’s water is contaminated so you automatically assume and then from there you start dissecting it. Out of all the rules that one’s probably one of the more complex in the fact that whatever product we deliver no matter what the material it has to be safe to drink. We didn’t publicly issue a statement on it, but we do have a consistent message on the website that we’re directing people to and then from there if you get all the way down to the bottom of that if there’s additional specific questions or inquiries then they’re directed to my email or my phone number.

Barker stated Foreman is heading all those comments or questions yourself. Are you doing anything different with your CCR this year as far as are you making any push for lead in water education or advising? I think it’s a requirement of CCR that you advise the clients to run the tap if they’re concerned about lead in water.
Foreman stated that there are already required specific verbiage on lead that’s supposed to be in the CCR. As far as ours is concerned I don’t see putting anything additional in there. We’ve had a significant amount of phone calls, but it’s not been all at once. If the media picks up and runs on it that’s when our calls start. We wanted to make sure because of the complexity of the rule the same message was being delivered and having that available on the website to direct people to and then from there if they want to talk to somebody. This has created questions or non-trust in water utilities or even the government so we wanted to make sure with that in mind that we had something put out there ahead of time before it was required.

Barker stated that he understands that IDEM is going a few steps further with a few smaller communities in trying to get inventory of lead and copper piping.

Foreman stated that was everywhere.

Barker stated okay they staggered that inventory because a lot of the well field communities that I’m working with are smaller communities are just now receiving that.

Kuroiwa stated that we got the request.

Foreman asked if they got the request to identify how many connections, how many service lines, how many were goose necks? There were two requests.

Kuroiwa stated yes we got them both.

Foreman asked Barker if he just got the one about service connections?

Barker stated no also the sample site locations based on the Tier 1, 2 and 3.

Foreman stated that from IDEM’s standpoint and Legislatures have been in communication to find out where Indiana is.

Barker stated that he believes it’s great to be proactive in that sense. As a group of water professionals I’m curious to hear what you’ve experienced in your own communities.

Kuroiwa stated that it’s been quiet for me. I don’t think I’ve had any inquiries about copper pipes; that’s Kokomo, Noblesville, Wabash and Warsaw.

Barker asked if Kuroiwa made any attempt to head off any of those calls?

Kuroiwa stated that we do have a PR statement on the website, but most people just call our customer service center. Greentown outside of Kokomo had a lot of publicity because of the school.

Higgins stated that the headlines were that Greentown’s water is all screwed up and it was their plumbing.

Kuroiwa stated that Greentown failed their monitoring. They exceeded the actual level for lead.

Higgins stated that the last story I got it was just the school itself and their plumbing that was the problem.

Kuroiwa stated that it was the town that exceeding the action level that prompted the school to test all their drinking water fountains.

Higgins asked which acronym tests for lead when you’re doing the standard monitoring framework? We do lead on the wells too, but the lead and copper we do every three years is just for people’s houses.

Foreman stated that’s all the monitoring is, the product you’re delivering has to meet the lead and copper…
Higgins stated that he will have to go back and look it up.

Kuroiwa stated that on ours there’s a little box that says lead and copper specifically.

Higgins stated yes, but I don’t have to do that but once every three years, but if one of your initial tests has lead in it too that’s actually tested at your plant not just out at the houses.

Kuroiwa stated that would fall in your inorganic; it would be on your IOC reports.

Contingency – Foreman stated that there’s not one county in the State of Indiana that has all their water utilities on the WARN Program, but Westfield was prior to being purchased, Citizens is, American-Water is, Carmel is, Cicero now is so Hamilton County is pretty close to being, as far as a county, having all of its water and wastewater covered under this mutual aid which then can through National EMAC if needed if it’s that large of an event. That’s also another option. Are there any interconnects between Sheridan and any other utilities?

Barker stated not that he is aware of.

Foreman stated on Monday, April 18th there is a three hour workshop in Columbus; the IRWA Conference where myself and the Georgia WARN Chair are co-presenting on where the WARN program is nationally because it’s in all 50 states and in Canada. Specifically what’s going on here at home, how emergency response has changed, what utilities have and don’t have.

Next Meeting Date:
The next meeting date is Tuesday, July 12, 2016 at 2:00 p.m.

Speakers/Topic:
Havard stated that one topic is the new lead and copper rule that might be a potential. I don’t know if anybody has interest in that as well.

Foreman asked if it’s because of all of this; what they’re proposing?

Kuroiwa stated that someone from our environmental team on the group that’s been meeting for about a year and half now has had some crazy things proposed and then it became more mainstream. We anticipate there will be more crazy things proposed before everything is said and done. I’m sure there will be public comment period. I know they want to target more schools and child care centers where susceptible populations will be, but I haven’t heard anything definite yet.

Foreman stated that the AWWA’s website has the link to the letter that was drafted on December 15, 2015 about the new recommendations for a new lead and copper proposal.

Ward asked Kuroiwa if his person would be willing to come and speak?

Kuroiwa stated that he’s in New Jersey; that’s where he’s based out of. I can look into that. I would like to wait until they have some kind of draft regulation, that way he has something definite to talk about. That would be my preference. Everything now would be speculation. Last year what I heard them proposing was unrealistic. It was terrible.

The meeting was adjourned.

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Kenton C. Ward, CFM
Hamilton County Surveyor

ATTEST: ______________________
Executive Secretary