

BigBrain Radio Show
May 24, 2008
Clint

(music)

DLS: Hey good morning! It's Saturday morning! It's time for the BigBrain Radio Show. I'm Dr. David Stussy and we've got another exciting show of the BigBrain lifestyle... the BigBrain way of looking at life. And for those who are new to the BigBrain Radio Show, I know the BigBrain sounds like ... sort of an unusual name, but when we say the BigBrain, we're talking about our human physical brain... because we have the biggest brain... we have the most developed. And then we're also talking about our metaphysical brain – the brain that expands out to ... well, who knows where... that creates our life, our culture, our ideas... because most of life is invisible. What we enjoy about life are the essence of life, and that comes from the BigBrain. So we ... we want to meet and talk to as many BigBrains as we can. And today I have one of my favorite BigBrain couple. They've been with us before on a show and they have the most revolutionary idea that I... I just wanted to make sure that they got back on the show, that people can hear that. So Clint Elston and Bobbi Elston. You want to say hi?

BE: Hello everybody out there.

CE: Good morning.

DS: And they are... they're from Afton. Right?

BE: Correct.

DS: Well, Bobbi and Clint – especially Clint – go back so many years with me. We’d have to tell story and then we’d have to sign things not to reveal it or something like that.

(laughter)

DS: But, you know we kind of go through life and there are certain people that we just kind of resonate with and Clint is one of those for me. I originally talked on the radio show about how I built geodesic domes with him. I had already graduated from chiropractic college, but I went down for three months and it ended up being close to three years ... building geodesic domes in Texas. And that actually changed my life because I learned out about Buckminster Fuller and tansegrity... and it has a lot to do with the type healing mechanisms we use today. And so you never... you know when you follow your heart, your answers will come to you and that’s called a BigBrain lifestyle. You know, we have a term called evolutionary health style, and evolutionary means we’re acquiring – we’re continuing to develop. And health is our optimal number of forward action, regenerative days. And I think today that’s really important because we want to have optimal life, and we want to have a regenerative life. That means we’re recovering... we’re replenishing what makes us... you know... we use the example ... look at the earth as a spaceship going through earth. It has a certain amount of resources and when it gets to... if it doesn’t get to its destination it’s going to run out, or it’s going to have to regenerate them. And I know there’s a lot of talk today about that. And one of the big ones is water. So that’s really what we’re going to talk about, is water. Now, I’ve got this little article... “The Body’s Need for Water”. And Ben Franklin said that

when wells dry we know the worth of water. Right? And the best of gifts to give someone is water. Well, I don't know if we do that today. We might take it for granted. But, our system ... there's actually five major systems in our body that use water: The lungs – we can't breathe without water; Skin – we all know that we have to have moist skin; Our intestines – in order to handle our food digestion; of course our kidneys; but the biggest one is our blood. And our blood carries oxygen to all parts of our body, and without oxygen we will die instantaneously. So we have to have the water in our systems. And by the way, coffee and soda water don't count. In fact, they almost clog the system up. And sometimes ... I've read today that people say well you don't need as much water. Well, they did this test on athletes. And they had one group run for a certain period of time without water – very little water; and one that had all the water they needed. And the first group ran three hours and they gave out. The second group went six hours. So I think we need water.

BE: Water's the one commodity that EVERYBODY has to have on this planet.

DS: If... if... and here's the thing I want to make. It's the greatest recycling system ever. The best... the second best recycling system is the one we're going to hear about today. And the reason I say it's recycling is because if we didn't, we would need 40,000 glasses of water and 25,000 gallons of water every day if we didn't recycle our own water. Okay? And hold it and use it, and make the best of it and keep it for what we need, and get rid of what we don't. Right? Because you're going to lose some of it. And I think it's almost like

the system that you have. So... When I go around the country talking to people about what Clint has developed over the years ... and it didn't happen overnight... and how unique it is, you know people have lots of questions. And one of them is it sounds too simple. So what do you have to say about that?

BE: It sounds so simple, but it is. And that's the beauty of the technology is that it is very simple. As Clint always says, it's mother nature's technology just fully automated. Everybody expects that it has to be a scientific...

DS: Expensive.

BE: Expensive, engineered... da da da da da da da ... in order to be a working system. And it doesn't have to.

DS: Well, why don't we talk about this? Let's just get right into it. What is the... can you, in a nutshell, just explain what it is, and then I might interpose myself as I'm known to do. (laughter)

BE: We... we call our technology "Separation Technology". What we do is we separate the human waste – right at the toilets – and the kitchen resources. We set a small bar sink off to the side of our regular sink and when you utilize mother nature's technology through composting – just using oxygen – 95% of all of those organics will just disappear in the form of carbon dioxide and water vapor.

DS: Okay, now I'm going to interrupt. Now... isn't that what everybody does?

BE: Everybody commingles.

DS: So commingle... that's the term you guys what to listen... commingle... that means they put the waste – our human waste and

our other waste products together with the water, then they try and separate it. Right?

BE: Then they try to separate it and...

DS: So what you do is you separate the waste... like a garbage disposal or the bathroom, when people go to the bathroom...

BE: Mm hmm.

DS: And that's just separated and put into a compost. Now there's one unique feature that you have, which has made this revolutionary... and what is it about that material? You don't put it in the environment. Right?

BE: We do not put it into the environment. The toilets that we use utilize two-tenths of a gallon of water per flush. And in a composting environment, you don't want a lot of water.

DS: Well, most people have either a septic tank or a sewage tank that takes it someplace out. And that comes under the regulations of the EPA is it? Or... what is it?

BE: The EPA and Minnesota Rule 7080, which is predicated on a commingled stream.

DS: I want you to hear this folks... It never goes outside the house.

BE: Ours doesn't.

DS: And it doesn't smell either. It's great.

BE: No. It's just...

DS: So here you have a system that takes all the sewage that we have as human beings, puts it in someplace where it can be reused. It's a very... it's not a big complicated system. And the water is recycled and it's more pure... as pure as rainwater. Right?

CE: Well, let's back up a little bit.

DS: Okay. Clint... let's hear from you Clint.

CE: We don't want to confuse the fact that... the black water, or the water from the toilets and the garbage disposal go into a separate tank...

DS: Right.

CE: ... Which we call the bio matter resequencing converter, which just means that it composts and it all disappears. The rest of the water now is called gray water. And that's the water that we're going to recycle.

DS: Now, this term gray water has been misused by all these so-called experts. Right?

CE: That's correct...

DS: I mean we've got a bunch of articles that I pulled out for you. I want you to comment on. But I think people think gray water... most people don't even... have never heard of it, but they are hearing about it today. And they just think it's... What do they think it is?

CE: Well, a lot of people are trying to say the gray water is where they've taken black water and used...

DS: Black water's got poop in it. Right?

CE: That's right. And they've used ultra filtration and then they think that they want to recycle that water, and so they're calling that gray water. So they're using it for watering golf courses, or they're trying to use it for aqua for regeneration, and they think that will be what they call toilet to tap and that will be okay again.

DS: Right. We've been reading about it and we'll get into it, but here we have a system that's actually making it harder to do what you want to do eventually by commingling it... and making it more

difficult... and then actually not ending up with as good a product – especially the water. Let’s remember – water... you know here’s something I want to say to people and it might sound a little unusual... is the amount of water on the earth never changes. It only changes form. A lot of times it’s in a form that we can’t use, so the idea is to use it in a form that we can. And that means when we do that we have to start taking water from places that we shouldn’t be taking it from. And that... that... earth needs that also. So, we’re going to end up with a system... technically you won’t even need city sewer or anything else. You just take care of yourself. You’ll be regenerative and you’ll have the freshest water. And one of the cool things is this water is so pure that when you take a shower, it’s like taking a shower and just... like velvet...

BE: Naturally soft water.

DS: ...velvet. And use 95% less detergents and all the other things that people talk. And so... it’s economic and it’s going to be economic because it’s going to produce jobs and it’ll create new technology. Now see the ideal to get this out there. And the biggest problem I’ve seen is people think it is too simple. And then people who have complex systems don’t agree with it. Right?

CE: Well that’s part of it. Part of the whole psychology of water...

DS: Yeah, it’s interesting... psychology.

CE: ... is that people are going to go “Wait a minute. You don’t think I’m going to drink my own waste water.”

DS: They’re not.

CE: They aren’t, but right now, every drop of water that’s on the planet has been...

DS: Waste water.

BE: It's been used before.

CE: ... at one time or another.

BE: Before.

CE: So when you've got...

DS: Hey make that... That's a very good point. I like that.

CE: Right.

DS: The obvious... the obvious you have to repeat. Right?

CE: Yeah, it's repeated. All the water on the planet has been peed in one time or another, whether you like it or not.

DS: Hey, thanks! Thanks for sharing.

(laughter)

CE: Once you get the water...

DS: As with most BigBrain ideas, they're simple, they work well, they are going to contribute to humanity as a whole because we have a trust as human beings to take care of our planet to take care of the people we live with. And I think a lot of times that trust is violated... maybe not on purpose... maybe not... you know I'm being generous here... maybe not... (laughter) Marty's over here shaking his head. (laughter) Maybe you were... Anyway... because some people think they're doing it on purpose, and there might be some of that. But we can't let it happen.

BE: No, we've got to change our ways.

DS: And so... and I'll just back up a little bit with Clint... Like I've said, I've known him since college. We've been hippies in Texas, building domes. But he has stayed with this. He went up to Alaska

and did some stuff with the army up there, where you started getting into toilets I guess. Right?

CE: The National Guard. We put them in all the National Guard Armories...

DS: Right.

CE: That's where the composting thing started.

DS: But the thing is, he stuck with this and then when he's come up with an obstacle, he's created... and I still think one of the most revolutionary ideas is... in order to not have to deal with all the government regulations, because you can imagine what it's like to change something, he developed a system that didn't go into the environment so there's no government involved. And we gotta like that. Right?

BE: Correct.

DS: Because um... you could actually have a system that allows... we can live on land that before was unlivable.

CE: Unbuildable.

DS: And so let's just say how much water would they have to have brought in... or how much water do they need to keep... because there's going to be evaporation and things like that.

CE: Well normally the EPA and the State of Minnesota recognizes the average human being needs between 75 and 100 gallons of water per person per day... to use one time. With our system, we've reduced that number from 175 down to 3 gallons of water per person per day that we lose from either flushing the toilet, evaporation...

DS: So 1-3 gallons we'd have to replace. Right?

CE: That's all.

DS: And so the best way would be to collect rainwater or something like that. Right?

CE: We use rainwater as the best source of your water. So you...

DS: And if it was someplace... let's just say they do this in the desert then they would have to have...

CE: Larger systems.

DS: Larger systems.

CE: That's all.

DS: Oh, because it does rain some time or another. Right?

CE: Yeah, or you can have delivered water if you had to. But the world's worst... but what you do is you figure your annual precipitation, your roof area and the number of bedrooms and that will calculate out to how much storage...

DS: It's not very much. So what do people use now?

CE: Usually here in Minnesota we have about 1,000 gallons that we set as far as ... (inaudible)

DS: So how much do people use daily here?

BE: 75-100

CE: 75 to 100 gallons.

DS: Oh you've said that. Okay.

CE: Right. Right. But now, you can still use 75-100 gallons of water a day when you're recycling it, but you are totally recycling it 100,000 times.

DS: And this water is a lot more efficient. (inaudible)

BE: Naturally soft.

DS: I think that music means we're having a break coming up. Where are we at here? Okay... um... we have 30 seconds yet? We

are? Okay, so we're going to take a break. The BigBrain Radio Show. I have the world's most fantastic water experts right here by my side. They're geniuses. They have BigBrains. We'll see you when you come back. BigBrain Radio Show.

(music)

(music)

DS: Hey, it's a kind of magic. That's life itself is kind of magic. You know, life looks magical but it's there to serve and to be developed and the people we need to be. And one of the groups of people that kind of lead us in that way – By the way, I'm Dr. David Stussy and this is the BigBrain Radio Show. I usually say that first, don't I? Anyway, and I have some... the world's most unique and um... ah... I think is...

BE: Revolutionary.

DS: Revolutionary. Thank you Bobbi.

BE You're welcome

DS: I told you you're going to have to help me today.

BE: (laughter)

DS: I have a really ... kind of a cold... a head cold... and I told Bobbie you're going to have to carry the show here for the day, and she's going to do it too.

BE: We're going to try.

DS: So anyway, the group that brings it are artists and inventors. Because they change things and they're willing to live the worst... the lifestyle. They're willing to do what it takes because they have a vision and a passion that really has probably been there since they were conceived and they have to carry it out, whether they like it or

now. And I think... I know that Clint is that way and Bobbi's become his partner in this. In fact, without Bobbi, things may have died on the vine. Huh? (laughter)

BE: (laughter)

CE: (laughter) That's absolutely right.

DS: So...

BE: You have to have the ability to step outside the box.

DS: Now we've got something here... and we are videoing this for other purposes. But we have a video... we have six sets of ...

BE: Six ice cubes.

DS: Six ice cubes – two sets of three. Right?

BE: Yes.

DS: One ice cube's of normal water, one ... one set of ice cubes are out of the water that come from your system, right?

BE: That comes from our system, correct.

DS: And then you're supposed to ask me which one...

BE: Which one would you like?

DS: I would like the one on the right – would be the left for the camera. And ... because... I... it is so pure, you can almost see through it except where it's really frozen solid. The other looks filthy.

BE: And it is.

DS: And it is filthy. So I don't really think what we've been putting up with... And so even just doing away with ... saying the system doesn't have anything to do with saving water, it's going to be a better system for human beings as we use it. And we're paying all this money for bottled water, which has no value whatsoever and is not pure.

BE: And there are no standards for bottled water.

DS: And there's no standards.

BE: So you don't know exactly what you're drinking.

DS: This is incredible. And again, it's all self-enclosed. It's yours.

BE: Yes.

DS: And... ah... the applications are...

BE: It's all possible.

DS: ... endless when we think about it because one of the big things coming up for cities is they have to rejuvenate their infrastructure. That infrastructure would not have to be there the way it's laid out in the past. And why should it be? Because we are evolutionary health style... we regenerate and we optimize our forward action days by coming up with new ideas. Right?

BE: Yes.

DS: And ... so you had this little article you wanted to point out to me about... It's called... the article is "Better Water" and I don't know where I got it from, but go ahead.

BE: There's a lot of articles out there. If you just pay attention to, you know, what is happening around you. This is a fairly graphic statement: In the United States, more than 2.1 trillion gallons of water are flushed down toilets every year. And remember that's a commingled stream.

DS: Trillion!

BE: Trillion. And that's just...

DS: Commingled...

BE: ... the U.S.

DS: That's commingled. So that water is... the only way it's purified is by nature's process...

BE: Hopefully nature's process.

DS: Well evaporating...

BE: Yep.

DS: ... and rain, etc., etc., because you... Clint as you pointed out, it's all the same water. Right? So remember – nothing ever ... is... is... energy is not created or destroyed, I don't think water is every created or destroyed, it just changes form. And when we... when we change something that's called transformation. And obviously we want to transform from a lower level to a higher level of expectations because it's more consistent with what the earth has created itself... nature itself as you could say, right?

BE: Mm hmm.

DS: So... ah... let's just kind of repeat what we've talked about with your system because maybe somebody just came on. Bobbi... Clint and Bobbi have developed a water system that's totally self-contained. It takes and separates the...

CS: Black water and...

DS: Black water, which is the sewage and the poop and all that stuff that comes out. Right?

BE: And the kitchen organics.

DS: And the kitchen organics.

BE: Mm hmm.

DS: Puts it separate. Then takes the other waters that we use and then recycles it and purifies it. I've seen your system. It's very

advanced technologically. It's all hooked up to the internet so you guys can monitor people, right?

CE: That's correct. The infrastructure of the future – of today ...

DS: Yeah, so...

CE: ... is actually the internet.

DS: The thing I like is you're actually, you know you're creating this and... you know you surprised the heck out of me when I saw you did that because you know we're a little bit old style.

CE: Yep.

DS: And... ah... and so he now has it so that it will be monitored around the world so that we can keep track of the standards that... that people are... you know if it's a representation of you it's got to be the best, right?

CE: There you go. Actually one of the things we want to point out also is that in just one of our neighboring communities to hook up 60 homes is going to cost....

BE: \$3.9 million. In other words that translates out to \$65,000 per house.

CE: So that's really the real cost. When sewers are really installed, piped water sewers, they are not cheap. And they come out of your taxes and everybody ends up paying for them.

DS: And I think the top of the line thing that you have is like \$40,000 in max, and as people use it it's going to go down, not up.

CE: That's correct. So in mass production will go down, the infrastructure will ... the piped water and sewer infrastructure will be not necessary...

DS: You know ... and that's a good point Clint because when I say, "Well, I think it's about \$40,000", but... and people say well that's a lot of money. But I've seen people spend that much on tubs, on their kitchen appliances and stuff. And ah... and today we're getting back to basics and the water is it. And it's like... it's like cheap actually.

CE: One of the biggest areas now is like up in the Arrowhead area of the State where you can easily spend \$15,000-20,000 for a well and have to go 400 feet and get bad water and not very much of it... and start to have to put in a mound system at \$20,000-25,000. So you're way over the cost of having your own individual water recycling system.

DS: Okay, now...

BE: And they're built to fail.

DS: I gave you this article about toilets because I know you have a unique toilet. And you told me there was a group of people that turned it down because they said their wife wouldn't like the toilet. But I think they're very stylish. They just never looked at it...

BE: Our toilets are beautiful.

CE: Well the toilets come from a company called Sealand Amenic and they are used on multi-million dollar yachts, and... hundred thousand dollar motor homes, so they're very nice all ceramic toilets.

DS: Wow!

CE: They actually give you the ability to put more water in the bowl, so they're ... they're 12-volt arrangement, they flush and they...

DS: Yeah I see it has little transistors in it...

CE: Yep. Control.

DS: If you set it.

CE: Mm hmm.

DS: Now Bobbi, you were telling me ... we were comparing it to this other system that I showed you was advertised. You use two-tenths of a gallon to flush. Right?

BE: Two-tenths of a gallon to flush. And I mean... everybody is trying to do good, and if they continue in that mode we will save some water, but they have to think beyond ...

DS: I'm going to give everybody a quiz out there. How much water do you think it takes for you to flush your toilet? Everybody write it down on a piece of paper.

(laughter)

DS: Okay. Did anybody have 1.6? Gallons? Is it 1.6 gallons?

BE: 1.6... The EPA is trying...

DS: Compared to two-tenths.

BE: Two-tenths of a gallon. Yes. So in other words, if I ran the numbers...

DS: 1.4 ... wow!

BE: ... correctly, um... They've got a design case building and sewage conveyance graph here. Daily use is 5, flow rate at 1.6; duration of flush 1 minute...

DS: Okay, so what's the bottom line?

BE: They use 32 gallons for that house that day. If you're using two-tenths of a gallon per flush, you're using 4 gallons of water a day.

DS: Four compared to what?

BE: 32. So for...

DS: You know ... and this is supposed to be... and this isn't bad system. The only...

BE: No... no.

DS: But I just wanted you to see them and point out how it still wasn't meeting the needs. And it uses chlorinated water, right?

BE: Yes.

CE: That's correct.

BE: They use chlorinated water and that's not good for the environment. So if you translate those numbers into 365 days a year, two-tenths of a gallon uses 1,460 gallons as opposed to 11,680 gallons of water.

DS: All right. We're going to have to take back... When we used to hang out in Texas Willie Nelson had his ... So we're going to go out with Willie Nelson here Clint.

CE: The ...

DS: Doesn't matter what you can do about it now. Armadillo world head quarters. Okay. BigBrain Radio Show. Dr. David Stussy. Brain Waves to Radio Waves.

(music)

(music)

DS: Hey, this is Dr. David Stussy and this is the BigBrain Radio Show and we want it all. We want what people need to make their life perfect, so we can live the life of creation and contribution and sustain ourselves with regenerative forward action days that make a difference. And that's the BigBrain idea! And... ah... so I think Queen had the right idea there? Didn't they? We want it all.

BE: Yes. Absolutely!

DS: So everybody thinks that's about greed; it's not. We want what people need to have the life so we can create and move forward, because we all have something to contribute. So that's my little story. So now let's talk about this. One of the things I did is I... I've talked about this before on the radio show. I tear articles out all over the place, but I've been tearing them out about water. So what I did is I put in front of Bobbi and Clint, and I have here Clint Elston and Bobbi Elston. And Clint has been a friend of mine for... We're going to say a LONG time. Right.

(laughter)

DS: And...ah... you know Marty gave the weather there. I don't know, does that mean we can go water skiing, Clint? I'm not sure.

CE: Well, let's go... water... still kind of cold out there on the St. Croix.

DS: Oh come on. I know there was a time when you would have gone.

CE: Oh yeah.

DS: (laughter) Um... So these articles about some problems around ... that people are just talking about them. It's not like it's a quiet affair; it's quite a large affair. But I think they're making fear out of it, and they're doing a lot of... they're taking a lot of systems that don't work... or are going to make it very expensive. Right?

CE: Well basically the one thing that we think is the problem... is the problem is in the logic of the argument. So $A + C = \dots A + B = C$... in logic class I had to take before I got back into the U. Anyway, that taught me that what we're doing this... we're doing something illogical with our arguments. We're taking and defecating and

urinating in this water and then we're trying to get it out of there. So it makes the most...

DS: Don't even bother. Just separate it...

CE: Just separate it.

DS: Use it...

BE: Separate it at its source.

CE: Right.

DS: And... and... I think you were telling me about over in Hawaii this big hotel was doing all this stuff and it was smelly and all kinds of stuff. This system has zero smell. It actually smells kind of sweet because it's got ... right?

BE: Mm hmm.

CE: Correct.

DS: And ah... I mean it doesn't... it has no smell really, does it?

CE: No... not when... the water recycling... the composting... when you do composting, you do have a slight odor of ammonia from the conversion of nitrogen...

DS: Which you do with little animals, right?

CE: The little red worms and robic organisms do all the work. Mother Nature set it all up...

DS: Nothing has to... no chemicals, no nothing. Mother Nature does it all. The way it should... that's probably how it happens now...

CE: Right.

DS: ... the one that we do get, right?

CE: The trouble is, is what we're doing... like David's pointing out is... So this argument that we're basing all of our logic upon is that

we're always going to keep defecating and urinating in this 1.6 gallon flush toilet, whereas if we separate it then we stop all this. So all these cities are going to this sort of ideas of well maybe we need to find new sources of water. So they're looking at desalinization and all kinds of things that take a tremendous amount of energy to be able to produce very poor quality of water...

DS: We just need to take care of the water we can have. And then the things that'll be excessively drained, like the Colorado River and stuff... we've got an article here... really won't need to be because even in the dessert they can just kind of recycle and accumulate water. I mean it's so logical, and like I said, the cities won't need to do all these expensive sewage systems; you won't need all these expensive systems to carry the water around... and it won't cost you as much for the water. You can have all the water you want. So like you said, if you want to do 72 gallons you can because it's just going to be recycled, right?

CE: That's correct. And so all these municipalities or communities – even the city of Minneapolis – can bring separation systems to the homeowners instead of having to bring piped water and sewage...

DS: Or they could help them ... it would be just as cheap – or cheaper!

CE: It'll be less expensive, it'll be ...

DS: And we're going to talk about because you have a ... you have a solution for that. So at the end of this segment here, let's make sure we talk about that.

CE: Sounds good.

DS: So let's see... what have I... I gave you some things here.
Which one do you want to talk about? It's your choice.

BE: Where to begin...

DS: Huh?

BE: Where to begin?

DS: Where to begin? Well, we'll just do... quickly... we have one article here about L.A. ... will make the water a terrible thing to waste. But their solution is kind of backwards. It's kind of...actually it's been sitting on the desk for 15 years it said.

BE: Well the commingling, when they did that years ago it probably worked. But their solution to pollution is dilution...

DS: Ooh, I like that...

BE: ... is not working any more...

DS: Solution to pollution. Oh!

BE: Is dilution. So they're trying to – in a commingled stream – dilute everything, then try and clean it up, and reuse it. And it's impossible to do because do you not only get the poo and the goo (as I call it), but you get pharmaceuticals, you get whatever people are throwing down toilets, they're not thinking ecologically. So when it gets to sewage treatment plants, you've got one big mess.

CE: As Bobbi pointed out, it was just recently on the... it was on CBS but it's been on everybody else, with regards to the tap water...

BE: Ever community.

CE: ... and having all the pharmaceuticals in the tap water. Well the tap water in most cases in most communities comes from a river, or it even comes from a well or whatever source. But right now

you're finding that all of this flushing of all of these pharmaceuticals that are coming through our bodies...

BE: Through the body...

DS: Let me ask... Clint, does your system take that stuff out of there?

CE: Yes, ours... When you...

DS: So...

CE: ... flush ours, it goes into the composting tank.

DS: No, but when you've gone through your processing of ... of...

BE: Through time and temperature...

CE: Biologically...

BE: ... pharmaceuticals are broken down and rendered useless.

CE: That's the way... that's the way Mother Nature set it up.

DS: So... that's right... Because that's why your water's so pure and clean, and...

CE: Because we don't put that into our water.

DS: And just to repeat, you use 95% less detergents.

CE: That's correct.

DS: No bleach.

CE: Don't need a water softener.

DS: Taking showers is like being in a velvet water bath.

CE: You can sit there for days.

DS: Sounds kind of sensual.

BE: (laughter)

DS: Sell that... Maybe that's the way to sell it, huh? (laughter)

BE: Our water is so good, it's unbelievable... as you saw in the ice cubes.

DS: Yeah, I know that it is.

BE: It just makes such a difference. And communities are trying to do the right thing. But if you're starting out with a commingled stream, it's not going to be possible. We're feminizing a whole generation of male fish with the estrogens that women are...

DS: Everybody knows the problem. They see ... what they see is no solution or an expensive solution, or some system that's going to be relegated by a large authority, such as city administrators, and that's one of the problems. The so-called experts are kind of controlling the system. I know you tried to do something with the... Robert Redford's group out in Malibu, and it kind of got... there was another group that had a bigger thing and kind of pooh-pooed it. Right?

CE: Well it's actually back on track now again. It's...

DS: Is that right? When they found out it didn't work. Right?

CE: Well actually, it's been working...

BE: Actually found out it's been working.

CE: It's been working... to our surprise, even. But all of the trips...

DS: Why was it your surprise? Because they weren't letting you look at it you mean?

CE: Yeah, because we needed a monitoring maintenance program, and that's why we've invented the one now that's on the internet, so that every system we put in we can be able to monitor and manage.

DS: So that problem actually caused you to create a solution. Right?

CE: That's correct.

DS: That's the BigBrain... If you've ever heard of BigBrain, that's it right there. All problems have solutions which will change our lives forever.

CE: That's correct.

DS: So ah... you've got another thing here about like need going down and of course...

BE: Everybody knows water is a huge issue. It's not just here in the United States, it's worldwide. We're fighting wars over the lack of water. China... um... natural disasters. What's the first thing you lose? Water and sanitation. Well we had the ability to put all of this in a container and they should be sent out around the world...

DS: You know ... well last time we talked about this... you... I've seen your system. It's about 10 x 10... it could fit inside of... maybe...

BE: A conics container.

DS: Yeah. And it could be put on wheels and taken down to Katrina and it would have the system... gave it the water and the waste all at once. Right?

CE: That's correct. They're both separated. They're taken care of, but just like you said...

DS: Wouldn't that be great for any catastrophe?

CE: We call it the mobile deployable unit.

DS: I love it. You know there's so many good ideas here, and there's things about energy storage in water, etc., etc. But, you have a... another article there about ... um... oh about the surfs so bad that people like to do...

BE: Oh my gosh! Yeah...

DS: What do they have to do? Brush their teeth hydrochloride... or no... something...

BE: Hydrogen peroxide... diluted with water...

DS: The surfers because ...

BE: They're going to have to get all of their shots, make sure that their shots are up to date because of the water quality. Um...

DS: See, human beings adjust. They're adjusting by doing things, which in the long run are not going to be the solution.

CE: Correct.

BE: No. This is Santa Monica Bay.

CE: Right.

DS: This is Santa Monica Bay. Well there's a lot of people there. I gave you an article over there – I think it was out of Dwell, wasn't it? Or where did that come from? They had... that was the system they wanted and you kind of laughed because you knew the people that were doing it.

CE: Well this was part of this episode at the NRDC thing. This is what they call microceptic. And basically it's just an aerated septic system and it puts it into the ground again. The only thing that they did about this thing is that they had the computerized part... it had the internet.

DS: Well the reason I want it... because Dwell Magazine is kind of the big leader in terms of innovative, and I think their housing... they have some very unique things. But when I looked at it I noticed their water systems... their energy recovery systems are not that good. They're being told by experts or engineers or something that this is it, and they're not.

CE: Well this is the one part that probably David didn't explain this, but as he went through college I went into the service. And so I didn't end up with this engineering degree as he ended up with a doctor. So when I got into this – building domes and doing the things... Buckminster Fuller stuff, the same thing about asking why are we doing the stuff and doing more with less... so it only made sense to get the poo and the goo out of the water. And from there then everything begins possible. But everybody else whose in the water and wastewater business has been trained and educated about sizing pipe, or figuring out how to move it down the street or something. So this totally is in contrary to our primary educational system, which we consider will then be a paradigm shift.

DS: And you know I have it... As a chiropractor I see all kinds so-called solutions for health that are complicated, and when you give them... When I tell people that we take care of complicated diseases and people get well, they don't believe it because... it's too simple. The body can heal just like nature can heal. And the water can be handled appropriately. So, I guess we kind of hang out in that area. Huh?

CE: Well the one thing interesting... you know when David started in chiropractic this was many, many years ago. And the chiropractic industry was not looked upon very highly as far as where it was. The chiropractic industry to fight their way and finally educate the community about it. The same way with separation technology. It's the same situation. Eventually, and hopefully sooner than later, people understand the advantages of all this and all the economic reality that can all be changed. My point is I believe everything that's

wrong with our society is the toilet is hooked up to the wastewater system.

DS: (laughter) That could be a lot of solutions there. I mean even all the chemicals and the pollution and the things that we're letting in our body.

CE: Well the whole... the whole infrastructure...

DS: And the money that we're spending on bottled water and all that crap.

CE: Well the whole infrastructure if you think about it. All the people that live in River Falls, Wisconsin that have to drive into St. Paul or Minneapolis for a job... to drive over the 35W bridge doesn't need to exist because if they could stay home and do their work at home instead of having to drive into town to have a toilet ... or the manufacturing location, it's totally unnecessary.

DS: So you have a big plan here.

CE: The big plan is the separation of the infrastructure... decentralization.

DS: I think there's an article here about how big companies are trying to take over.

BE: Oh, there is.

DS: And that's a... I mean obviously they have the money, but are they going have the right ideas. And I don't even think if they care how they do it, because they work on a different profit margin.

CE: That's correct.

DS: And ... ah... they just make the consumer pay, and since the consumer is used to paying... I mean the corporate giants are

scrambling to take over water systems around the planet. This is a whole article that came out of *Vanity Fair*, I think.

BE: Water is such a huge issue. T. Boone Pickens is trying to buy up the water rights down in Texas.

DS: This one city ... people were paying a quarter of their income for water.

CE: Correct.

DS: People are complaining about the cost of gas right now.

CE: Oh gosh.

DS: If we don't do something, they're going to be ... they're gonna ... people are going to get in control of the water, they'll have a system that's not as effective as the one you have – not even close – and they'll be paying all kinds. Now, you said you had a plan for cities. You want to give that? We have a couple minutes here – you want to talk about that?

CE: The plan that we would like to do is to license the technology to communities. And what the situation is is that for every system that the community is able to – that we sell – they actually get 5% of that sale and they get 5% of the monitoring and maintenance fee.

DS: So they can continue to have the income that comes off this antiquated system.

CE: That's correct. And so with this, for example, the only thing that we request of them is that they pass an ordinance to promote advance wastewater treatment systems. And by doing this, then they will be giving people incentive in order for them to be able to do it because then they'll either have to pump their septic tank less, or they'll have their lower sewer and water rates. So communities

have... are totally are maxed out at the moment, even if they just started putting in the composters, they'd be able to expand their sewage treatment plant by only treating gray water. So, it's a... it's an upgradable thing little by little by little.

DS: Hey you know I think it's been a lot of fun and you know what? What you're doing is you're figuring something that's a win/win for everybody.

CE: Everybody makes money in this. The plumber makes money, the bureaucrat...

DS: Yeah, so nobody putting out of a job. We're just creating new things, which is what technology in life is really about. Okay?

CE: Same place where we used to be with the automobile and the horse and buggy.

DS: Okay. Well I can hear... can hear the music. That's our cue for our break. It's the BigBrain Radio Show. Dr. David Stussy. Brain Waves to Radio Waves! And we're going to come back with stuff that works.

(music)

(music)

DS: Hey, the BigBrain Radio Show. Stuff that works! And that's what we like – stuff that works. The simple, it's easy to do, and you can always consistently predict that it's going to make the difference. And I've kind of based my life on that after being inspired by Buckminster Fuller through my great friend, Clint Elston who is here with me with his own “stuff that works”, and his wife Bobbi, who makes all the stuff work!

BE: (laughter) I try!

DS: And so this is our last segment, so the first thing I want to do is make sure that we have a way that people can get a hold of you. So, go ahead Bobbi.

BE: We have a webpage. There's a ton of information on the webpage and it is www.equaris.com.

DS: Okay.

BE: So you can go there and just preview the technology. Our phone number is listed there as well, but it is 651-337-0261. We also have a comment form that you can...

DS: On the website.

BE: ... on the website that you can fill out. Send us your name and address and we'd be happy to send you information. Or we are also starting now to give tours of the technology, so that you...

DS: You know I really...

BE: ... can actually see...

DS: I think that's a good idea. They're in Afton ... cute little Afton. Everybody loves Afton. Reason for you to come out and spend some time in Afton and enjoy the weekend or whatever. It's the perfect time of year, and it gives you another reason for being up there. And I use the idea of ... you know I've done this and I think everybody's done it... we've had something and as a side thought we'd go look at this and the thing changes our life. And I think that's what's going to happen is people are going to have their lives changed. And I think they should see it because they're probably creating a mental picture of some contrived thing looking... Why don't you describe what it looks like because it's pretty simple looking. I mean you have some... couple structures that are... nice looking and...

CE: Well what we've done is we were fortunate enough to find our home and it actually came with another building that had a swimming pool with it. But we've been able to retrofit the entire house, which it did have a well and a septic tank – which it does. But we have retrofitted it so we have rainwater catchments. We catch the water from the roof. We cistern that into the house where we have it stored. We actually have a ground source solar assisted heat pump then, so we actually heat the cisterns with the solar collectors and then we extract the heat from the solar ... from the cisterns with the geothermo. By doing this we're using off-peak electricity also, so we've actually reduced our heating needs by almost 60%. We've reduced our need for water by 95%. We've reduced our pollution to the environment by 100%...

DS: By 100%, that's right.

CE:and our solid waste loading to the landfill by 20%.

DS: Now you also said when you have large bodies of water you can use it to store, like you said the geothermal. And so people have pools instead of becoming ...

BE: (inaudible)

DS: ... people are actually good people because they can use that for heat storage and retrieval, right?

CE: Absolutely, and eventually, which I've got another book I'm reading and got a little experiment thing – but eventually this water ... we're going to be using electricity and turning that into hydrogen. Okay so then your hydrogen will fuel your car. And wherever... so you can have short-term distances on the water, that's going to come

off your roof. So all this recycling and all of this stuff that we're doing by...

DS: That sounds like your BigBrain lifestyle. I like that.

(laughter)

DS: I do. Well you know Clint, if anybody's going to do it, you're going to do it. And it isn't that you're going to do it, you're going to find the person that helps you do it...

CE: That's right.

DS: ... and tells you how to answer... You have a way of attracting it. And the law of attraction everybody talks about... you know in the book "The Secret" and all that stuff, my friend John Demartini... But you know what? What you always... When something happens, instead of saying it's strange, just say "what's the science of that?" And there is a science to that... that people create... what we pay attention to is what we create our intention. That's our metaphysical brain. And when we're paying attention, we get the things we need in order to get the solution. It may not be what we think, but it comes. And I think you're the perfect... you two are the perfect examples. It's stuff that works. So anything else? I saw you were looking at this article, shaking your head. Bobbi?

BE: They're saying water is simply not an ordinary consumer good, like lamps or shirts or smoothies. It is not. Everybody has to have water to survive. Um... and in order to do it, we have to think outside the box to get the solution. And everybody wants to do the right thing. We're here to help them do it.

DS: And you know there are lots of water systems that don't work, but are being held out as a solution.

BE: Yes.

DS: And I think that becomes a problem for you. And then the other thing is that some companies would like to make it a consumer object where they have to pay expensive prices in order to have it. It's almost like a privilege or a luxury. And then just look about in terms of ... you know the only constant... There's two constants in the universe – The physical constant is gravity, and the metaphysical constant is love. And if you really ... about love then that's taking care of everybody on the planet so they have drinkable water and they at least can have some life standards that make a difference without all that disease and infection and... dying. I mean... even the things that have been happening over in Asia would be an example of that, like you said before.

(inaudible talking)

DS: But first we've got to get things going. You know... so you can all... you know we sit around, we talk about the vision and the future because it's incredible. And the purpose is to get this going and I know it's going to happen. And... ah... and it's going to make a big difference in the planet. And it's not...it's a simple solution because it's what works. Right?

BE: Yes.

CE: Right.

DS: Stuff that works! So, anything else you want to leave us with?

CE: Well the main thing is just like you're saying, we have sold quite a few units. We've had very...

DS: Yeah...

CE: ... happy customers, especially up in the Arrowhead area. We just finished a job up in Lake Vermillion that's a beautiful piece. But all of the beauty about when you separate this toilet waste out of it, all of this geothermic...

BE: (inaudible comment)

CE: Yeah... and all of that... all of this becomes possible. So sustainability really starts with getting that toilet off your wastewater system.

DS: You know and I think everybody kind of would... I don't have to worry about the electric company, I don't have to worry about the water company, I don't have to worry about government regulations on my sewer. I can build on land that doesn't need a septic tank so there's some beautiful properties out there just sitting, waiting to be grabbed. Right?

CE: More money to be made in real estate.

DS: Yeah, so the economy still goes back up, instead of this false economy with these systems that they've put in in those developments. And people can live where they want to live, by themselves...

CE: That's correct.

DS: Which is something... I just visited a friend out in Connecticut and he was so happy because he had 15 acres in Connecticut just full of trees. And then he kind of big circle cleared out, but then he has all these trees... he just loved it being out there. Myself, I'm kind of a city boy. Clint, you're more of the country guy, right?

CE: Yep.

DS: And I can't wait to have him look at this and see, because the way it is right now, people are going to... Everything is based on economics. So first you're going to have people who need to do it like up in the boundary canoe waters area, or where you can't build because of regulations. The next thing is we're going to have to change it because it'll be too hard on society. And I think people who do have the money should purchase it. They spend on luxury things that are far less advantageous, so some people should just get it. Okay?

CE: Absolutely.

DS: And those are the people we want to do that because they will... they will kind of trigger the whole thing.

CE: It's the people...

DS: It's all economics, but it has to be in a certain order and I think it's starting.

CE: Right. And your economics starts also with the fact of the lack of water availability. So, all the water... all the money in the world won't buy you water if you haven't got it.

DS: Well, you know, I've talked to people in Minnesota, and even in California and stuff like that. They still don't see water as being a problem. Okay?

CE: Right.

DS: It's funny, they just don't see it. They read about it, but they don't see it, you know, because the cost is not that much, etc.

CE: Correct. That's changing.

BE: We can only keep our heads in the sand so long.

DS: Well we want it all for people. We want them to have water, we want them to have a great sewer... we want them to have health, by having all the stuff taken out. We want energy to be created. We want people to be autonomous, away from the authorities that are going to restrict. We're actually going a new evolution of life.

CE: There you go.

DS: You are really an evolutionary thinker.

CE: (laughter) We all are!

DS: Huh?

CE: We all are.

DS: Yeah, I know... but you know with the BigBrains... I've gotta talk about the one that's here today. So Clint, you know Clint you and I have been friends for a long... over 40 years I'm sure.

CE: Yep.

DS: And... it's a love of people like this and my ability to be with them that actually make the BigBrain lifestyle possible. So think of the BigBrains in your life, because they're the ones that pay attention and create an intention. Brain waves to radio waves. Dr. David Stussy. We'll see you next Saturday.

(music)

(End of Show)