

<p style="text-align: center;">YANKEE SPRINGS TOWNSHIP Informational MEETING Cuddy Intercounty Drain Monday, June 22, 2015</p> <p style="text-align: center;">Yankee Springs Township Hall 284 North Briggs Road, Middleville, Michigan 49333 9:00 a.m. MINUTES</p>	<p>FINAL MINUTES Accepted as information Aug. 13, 2015</p>
<p>Meeting called to order at 9:03 AM by, Meeting Chairman, Brady Harrington</p> <p>Roll Call: Present: (Board Members)</p> <ul style="list-style-type: none"> • Denise Medemar, Allegan County Drain Commissioner • Brady Harrington, Chair, Michigan Dept. Of Agriculture and Rural Development • Russ Yarger, Barry County Drain Commissioner <p><u>Also Present: Tammy Berdecia Barry County Drain Commission, Secretary, Peter Klooster, Allegan County Drain Commission, Engineer, and Glenn Pomp, Allegan County Drain Commission, Engineer.</u></p> <p><u>Also present: Dan Fredrick, Land & Resource Engineering Inc.</u></p> <p><u>YS Staff Present: Mark Englerth, Jan Lippert, Roger Rottschafer, Alice Jansma</u></p> <p><u>YS Planning Commissioners present: Frank Fiala, Greg Purcell, Rich Beukema, Paul Heystek.</u></p> <p><u>Visitors: 16 (Does not include YS Staff present).</u></p>	<p>CALL TO ORDER</p> <p>ROLL CALL</p>
<p><u>CALL TO ORDER AND INTRODUCTION OF DRAIN COMMISSION MEMBERS AND CONSULTANT:</u></p> <p>Drain Commission Business was taken care of at beginning of meeting: Motion to elect secretary, Review and approval of agenda, and Review and approval of November 7, 2014 meeting minutes.</p> <p>Brady Harrington, Chair, commented that his hope for the meeting today will be a final review and agreement to a final plan, determine apportionments between counties and set a bid date and date of review of apportionments.</p> <p>Aaron Snell from Streamside Ecological Services reviewed E. Coli sampling. Deb Masselink (Friends of the Cuddy Drain) was involved in the sampling. The 30 day sampling exceeded water quality standards (negatively). Six sites were sampled.</p>	<p>Page 1 of 4 Cuddy Drain Drainage Bd. Mtg. 6.22.15</p>

Deb Masselink commented that the numbers have been coming down and there hasn't been any manure fertilizing this spring. It was noted that Deb uses petri films and then incubates them.

There are high levels of bacteria that exceed water quality standards. Now they have to answer the question of the source of bacteria. There wasn't any strong indication that septic was an issue. Possible sources could be cattle, horses, wildlife, or human per A. Snell.

*Motion by Medemar support by Yarger to support the final report by Streamside Ecological Services. All ayes. MOTION CARRIED.

Aaron Snell reviewed submittal process to MDEQ. Discussion occurred regarding waiting until post-construction for report submittal. Buffer issue was mentioned. Eligibility for funding mentioned. Injected and surface applied fertilizer will make it to the drain when it rains.

*Motion by Yarger with support by Medamar to submit report of Streamside Ecological Services to the MDEQ. All ayes. MOTION CARRIED.

Dan Fredricks, P.E. Land And Resource Engineering, Inc.- Presentation

Two contracts were presented for the constructions plans.

Contract 1 – Patterson Road Crossing and Drain Improvements within Allegan County.

- **Patterson Road:**
 1. Existing Utilities
 2. Detour and MDOT Right-of-Way -“Work to be done either after Labor Day or before Memorial Day of this year or next year”(per D. Fredericks).
- **Extent of Clearing, Grubbing and snagging.**
- **Sediment Basin:**
 - (1) Re-establish historic sediment basin with grade control structures
 - (2) Assumption is an MDEQ Permit was obtained in 1991 to construct Sediment basin, therefore, maintenance work is exempt.
- **Timber Creek Drive**
- **Upstream of M-179**

Contract 2 – Drain improvements within Barry County

- Pre-construction documentation
- Dredging limits and dimensions
- Disposal of dredge spoil material

Dan Fredericks, P.E. Land and Resource Engineering, Inc.- Presentation

continued

Update on Easement Acquisition:

- Van Denack (Lettinga) Property (Parcel No. 24-024-009-00)
- Gardner Drain

Discussion occurred regarding questions that need to be answered before setting a bid date.

Review Necessity of MDEQ Permits

Discussion of what might occur regarding results if permits are not obtained.

Other items: Possible addition to the district of certain area (in Barry County).

Action Items (per Brady Harrington):

- Authorize Dan Fredricks to work with Barry County (acquiring an addition to district).
- Authorize Dan Fredricks to get all DEQ permits needed to that are yet to be acquired.
- When permits and easements have been obtained– then have to get together (Drainage Board) for a final plan review.
- Gas main confirmation – Patterson Rd.

Apportionments between counties:

Motion by Yarger with support from Medemar to assign 40% to Allegan County and 60% to Barry County apportionment for the entire project (just described).
Unanimous Vote. MOTION CARRIED.

No. of years (term) of bond will not be decided today. Harrington commented that typically for bonded projects, he sees “15”.

Englerth requested a document to advise Barry county residents of the numbers that these apportionments represent “dollar-wise”. A “dummy” roll will be projected by both counties per B. Harrington.

Discussion occurred regarding apportionment.

Other Business of Drainage Board was conducted, i.e. Accounts Payable approval.

Allegan County will continue to serve as Treasurer for this project even though they are the minority.

**Dan Fredericks, P.E. Land
And Resource Engineering,
Inc.- Presentation** *continued*

Apportionment Motion

PUBLIC COMMENT

B. Batson of Payne Lake – questioned removal of Elm trees. It was noted that conservative numbers would include that cost- per Dan Fredericks.

Rich Beukema – Flood of 1997 -seawall failure resulted for R. Beukema. Beukema asked how he could communicate with dredgers not to disturb that. Fredricks responded there will be a meeting with impacted residents and that (Beukema’s seawall issue) can be addressed.

Bill Baughman- asked about Island Drive channel– D. Frederick commented on using the same contractor and same disposal area as the other work at the same time.

Unidentified resident- commented that a lot of sediment is shooting out of drain (near residential area) into channel near her cottage structure. A sand bar is now out there.

Englerth, Supervisor- also commented on sedimentation and seawalls along channel. B. Harrington commented that he thought this was a post-construction item.

By the next meeting – Brady Harrington suggested to Dan Fredrick that they will at least have close to all the permits needed. This will determine the next meeting date.

Regarding the schedule of the project (per D. Fredricks) The project will start with clearing work of Contract #1 in the winter, and getting Patterson and some of the other culverts in before Memorial Day. Then, finish up the remainder of the open channel work so it can be stabilized over the summer and do the dredging (last) in the fall (2016).

ADJOURNMENT: It was motioned by Yarger and seconded by Medemar to adjourn at 11:16 am. Approved by all.

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Respectfully submitted:

Deb Mousseau
Recording Secretary
6-22-15

Accepted: _____
Janice C. Lippert, Township Clerk

Date: Aug. 13, 2015