



MEETING NOTES

subject: **City of Vernon - LWMP TAC / LAC Meeting #1**
date: June 11, 2010
meeting date: June 1, 2010
location: City of Vernon City Hall - Council Chambers
file: 1085.0027.01
prepared by: Dan Huang
distribution: all attendees; Distribution List

attendees

City of Vernon

Greg Thompson (GT)
Buffy Baumbrough (BB)
Shirley Koenig (SK)
Mark Dowhaniuk (MD)
Andrew Marr (AM)

company

City of Vernon
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City of Vernon

Consultants

Dan Huang (DH)
Ehren Lee (EL)
Peter Gigliotti (PG)
Joanne de Vries (JdV)

Urban Systems Ltd.
Urban Systems Ltd.
Urban Systems Ltd.
Alliance Communications

Technical Advisory Committee

Alanna Dean (AD)
Casey Neathway (CN)
Vic Jensen (VJ)
Mike Carlson (MC)
Nicole Kohnert (NK)

District of Coldstream
Interior Health
Ministry of Environment
Ministry of Forest and Range
Regional District of North Okanagan

Local Advisory Committee

Bill Poremsky (BP)
Chris Van der Molen (CVdM)
Garry Haas (GH)
Harold Sellers (HS)
Huguette Allen (HA)
Jaime Dickinson (JD)
Jason Kelder (JK)
Jennifer Miles (JM)
Jim Bodkin (JB)
Les Townsend (LT)
William Morrison (WM)

School District 22
Grass Hoppers Lawn & Garden Centre

North Okanagan Naturalists Club
SENS
City of Vernon Envir. Adv. Comm.
Urban Development Institute

Okanagan Spring Brewery



ITEM DISCUSSION ACTION BY

1.0 Communications Plan & Interest Based Negotiation - JdV

Presentation slides made during TAC/LAC #1 will be posted on the City of Vernon Website.

1.1 Communication Plan

No questions regarding Risk Communication.

Flexibility is the hallmark of any good process.

1.2 Interest Based Negotiations (IBN)

General Agreement on the approach.

Specifically no chair, JdV will facilitate the discussion.

Encourage committee to speak with JdV or DH if you have any concerns.

Q: How do you get school children involved?

2.0 LWMP Requirements and Process – DH

Q: Can we bring in experts if we need to?

3.0 History of Vernon LWMP – PG

Q: Current land base for SI – 970 ha?

4.0 Current Wastewater Issues and Potential Management Options

JB-Q: Can you use tertiary sanitary water on food crops?

EL/PG-A: Not necessarily a technical issue as much as a social / marketing issue.

AM-A: City's Operating Certificate allows it on crops, but only as a drip irrigation.
Government still considers reclaimed water as a dangerous good.

Q: What percentage of 980 ha. is crops?

AM-A: Mostly used for cattle grazing, forage, golf course irrigation.
Haven't looked too deeply at crop types

LT-Q: Links to Federal process – low, medium, high risk?

PG-A: Yes, process still in progress – Vernon would be low risk. Approvals through Ministry of Environment will provide integration between provincial and federal standards.

HA-Q: Don't test for endocrine disruptors?



<u>ITEM</u>	<u>DISCUSSION</u>	<u>ACTION BY</u>
AM-A:	Study just being completed.	
BB-A:	Study by OBWB, levels once dispersed are very low.	
VJ-A:	Good question, it is an emerging issue but is not a specific problem at this time.	
Shaun Mitchell (SM) - Q:	Okanagan Avenue Association resident, below toe of the slope. On an artesian well water and septic.	
EL-A:	Great question, and will be explored in integrated stormwater framework.	

5.0 Discussion Topics

Please refer to synopsis provided at meeting on the City of Vernon Website.

1. GHG:
 - What do you need right now?
 - Costs for a methane, solar, wind.
 - Cost for current plant now, current emissions?
 - Case study from other areas.
 - Localized systems, Dockside Green, UBC.
2. Maximize Effluent Re-use:
 - Need to know more?
 - Pricing of wastewater, is it appropriately priced?
 - Examples of wetland recharge – Australia.
 - Legislation which could prohibit.
 - List of potential expansion sites.
 - Evaluate how current system is working.
 - Field trip to existing facilities.
 - More info as to where it is used currently.
3. Costs Relative to Other Factors:
 - What else do you need to know?
 - Full cost accounting of the entire water system.
 - Cost per unit – can be restrictive.
 - Social “costs” – cost benefit analysis.
 - Full life cycle cost need to be understood.
 - Environmental costs are difficult to quantify.
 - Please explain “triple bottom line” evaluations.

Randy Schellenberg (RS) offered taking a hike to Mackay Reservoir, seepage to Kekuli Bay.



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ITEM DISCUSSION ACTION BY

- PG-Q: What is the cost of making a mistake?
VJ-A: go in eyes wide open, look at the status quos around what is working
 and what is not.
- SM-Q: Who's in favour? Consensus.
JdV-A: Take under advisement, discuss with GT.

Meeting adjourned at 8:50PM

The preceding is the writer's interpretation of the proceedings and any discrepancies and/or omissions should be reported to the writer.

URBAN SYSTEMS LTD.

Dan Huang

/mr

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