

<b>Sewer Infrastructure Advisory Group Meeting Summary</b>	<b>October 25, 2012</b>
	<b>4:00-6:00 p.m.</b>
	<b>Bend Park &amp; Recreation, Riverside Community Room</b>
	<b>Note taker: Adele McAfee</b>
<p><b>In Attendance:</b></p> <p><b>Committee Members:</b> Andy High, Casey Roats, Lynn Putnam, Mike Riley (by phone), Dale Van Valkenburg, Craig Horrell, Steven Hultberg, Charley Miller, Steve Galash, Stacey Stemach, Craig Moore Bruce Alyward Sharon Smith Pam Hardy, Rob von Rohr, Wes Price</p> <p><b>Absent with prior arrangement</b> Nathan Boddie,</p> <p><b>COB Staff:</b> Tom Hickmann, Paul Rheault, Jon Skidmore, Aaron Collett, Reese Moody, Paul Rheault, Colin Stephens, Brian Rankin, Eric King, Mary Winters</p> <p>Others – David Stangel (MSA), Dennis Galinato (MSA), Jim Lord (Century West) Eric Hoffman (Century West), Andre Tolman (MWH), Greg Blackmore</p> <p>Facilitators: Clark Worth (Barney &amp; Worth)</p>	

#### **Action Items**

1. Prioritized areas selected by the SIAG for immediate capacity solutions:
  - a. Area 2 (Cascade Village Shopping Center)
  - b. Area 3 (Westside lift station – Portland Ave)
  - c. Area 5 (along Columbia / Westside down Simpson to Shevlin lift station)
2. Results of analysis / solutions will be presented to the SIAG on January 17, 2013

#### **Agenda Item: Welcome and Updates**

- UGB Class for committee members is being planned
- City Council discussion with SIAG at the work session on 10-03-12
  - Council priorities are employment lands and identifying problem areas with potential solutions

#### **Agenda Item: Meeting Goal**

- Identify areas of focus for short term solutions that have current deficiencies

#### **Agenda Item: Identifying the problem**

- Presentation on current and future development pressures (business, industrial, residential) on the wastewater collection system.
- SIAG questions:
  - What does it mean that you cannot deny approval (development)?
  - If there is an undeveloped area within the city, that the city can consider different treatment options?
  - Regarding absorption rate for residential – what is the tipping point?
  - Is absorption rate through town equal?
  - When showing vacant employment land does it take into consideration tenant occupancy rate of existing structures? If 100%, will you increase capacity and demand?

- Is Cascade Mall challenged?
  - Is there a cost factor involved? What is it?
  - Are the areas sequenced or separate issues?
  - Do we know how the short-term solution will play in the long-term strategy?
  - Are you looking at solutions that will not become stranded assets?
  - Have you accounted for COCC student housing in the model?
  - How do these choices affect the future of the long-term goals?
  - What is the actual analysis criteria?
  - What is the timing on the model?
- Summary of feedback:
    - The city obligated to serve:
      - Land use obligations (building permit in hand)
      - Anticipated development
    - There are no cost for these areas yet
    - Immediate capacity solutions (definition see hand-out)
      - Presented Maps –
        - **Area 1 (Very north)**
          - Juniper Ridge pump station overcomes other pumps in the area
          - Flows
        - **Area 2 (Cascade Village Shopping Center)**
          - Two major obstructions: under highway 97 and railroad tracks
        - **Area 3 (Westside lift station – Portland Ave))**
          - Issues at the pump station and directly down from pump station
          - Flow
          - Limited capacity at the pump station
        - **Area 4 (Downtown Core)**
          - Dependent on a single clay line, some areas have collapsed
          - Built in 1913
        - **Area 5 (along Columbia on the Westside down Simpson to Shevlin lift station)**
          - Capacity issues
        - **Area 6 (West along Newport Blvd part of Mt Washington)**
          - Constrained
          - Current odor project, moving mainline through this point
          - Hold times creates odor issues
          - COCC
        - **Area 7 (Murphy pump station)**
          - Flows get pump “back”
          - 20 pumps currently feed into this pump station

- Murphy runs 13 hours – doesn't leave much time for other pumps to discharge
- Odor issues
- o Map showed wet weather events (orange dots)
- o Map -showed neighborhood of 100 homes
- o Completely out of capacity in Areas 7 and 2
- o Other problems: root intrusion, lines with dips, concrete and clay pipes.
- o Maps showed lots that are currently on septic systems.
  - Failure rate is high. DEQ wants these septic systems eliminated and connected to the sewer system.
  - There is no sewer availability in these areas so the homeowner must reinvest in septic systems.
- o When SE Interceptor goes through, homeowners will need to establish a LID to get connected.
- o Reviewed areas of influence:
  - Land use entitlements (these cannot be denied ) 3300 – 3600 lots / 60,000 sq ft of commercial
    - Rivers Edge
    - Tetherow
    - Widgi Creek
    - Market of Choice
    - College
    - Brewery expansion
    - New elementary school
    - New Hotel proposal just came in.
    - New Apartment buildings
- o We are at absolute zero in Area 2 and Area 7. Area 3 is a significant issue because it impacts all of the west side.
- o The group was concerned about how they prioritize without the costs. Pick 3 critical areas and these area will be analyzed. The city does not have the funding to consider all.
- o Map showed vacant areas / vacant commercial lots
- o Map showed vacant non employment land over 10 acres
- o Prioritization: The committee identified the following areas to focus on the short-term solutions: Areas 2, 3 and 5. (A separate tally was taken for the 3rd choice.)

Area 1		1	Area 4		1
<b>Area 2</b>		<b>12</b>	<b>Area 5</b>		<b>10</b>
<b>Area 3</b>		<b>12</b>	Area 6		2
Area 4		4			
Area 5		6			
Area 6		3			
Area 7		1			

- o The short term solutions should be in place within 2 to 3 years.

- Dave Stangel (MSA) gave a high level overview of the project.
- Model should be up and running beginning of next year (2013).
- Optimization is the long-term planning tool and will be ready by the middle of next year.
- In January, the consulting team will bring the analysis regarding immediate capacity solutions.

Meeting Adjourned at 5:45 p.m.