



Pt. Hadlock Wastewater System

Sewer Advisory Group

July 14, 2009

KI&A

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TETRA TECH



Triangle
ASSOCIATES, INC.



Agenda

- Introduction
- Purpose & goals
- Ground rules
- Project review
- Policies & ordinances
- Policy discussion – SAG input
- Technical update
- Wrap-up & next steps



Purpose of SAG

- Advisory role to DCD
- Provide feedback from stakeholders
- Educate & inform public
- Provide recommendations for key sewer policies & ordinances
- Identify key factors for design standards



Ground Rules

- Expectations
- Time limitations
- “Everything you learned in kindergarten is all you really need to know.”



Project Review

- **Facility Plan status:**
 - Approved as Engineering Report, October 2008
 - BoCC adoption, March 2009
 - Biological Assessment, submitted May 2009
 - Agency consultation, through September 2009
 - DOE approval as full Facility Plan, fall 2009
 - NEPA approval for federal funding
- **Technical Review**
 - Gravity collection system
 - MBR technology for treatment
 - Beneficial reuse/groundwater recharge
 - Biosolids management



Project Review

- Funding & Finance
 - Currently spending DOE reclaimed water grant
 - Submitted STAG grant February 2009
 - Submitted USDA-RD grant July 2009
 - Target November 2009: DOE Water Quality Programs (SRF/Centennial)
 - Target: PWTF new grant program



Project Review

- Public Involvement:
 - Public meeting: January 2009 Final Facility Plan
 - SAG meetings: Summer 2009
 - Public meeting: Summer/Fall 2009
 - Website (www.porthadlocksewer.org)
 - Mailings
- Previous issues raised

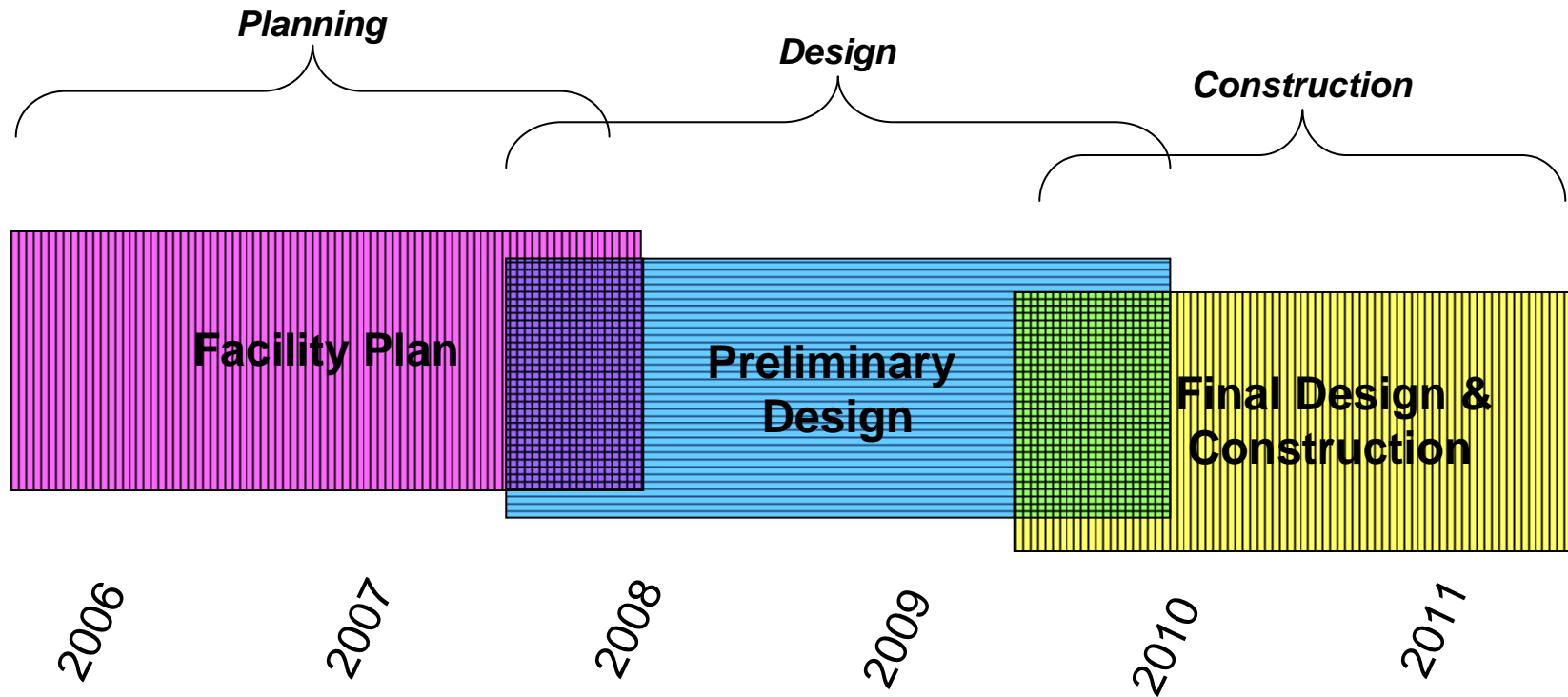


Project Review

- Growth Management Act
 - County met compliance deadline of the WWGMHB on March 31, 2009
 - Compliance hearing on June 2, 2009
 - Anticipate ruling mid-July 2009
 - Subsequent appeal filed – validity ruling pending
- GMA compliance opens several funding opportunities



Project Partitions





Policies & Ordinances - Overview

- System management
- Connections to system
- Sewer availability
- Extension of system
- Cost allocation
- Rate structure
- Ancillary services/requirements



Policies & Ordinances – Comparison

- Summary comparison of examples
 - Jefferson County PUD - Water
 - Kitsap County – Wastewater
 - Bainbridge Island – Wastewater
 - Port Townsend – Wastewater
- Overview of comparison



Sustainable Utility Guidelines

- Ensure utilities are self-sufficient
- Long-term outlook leads to smooth rates
- Match revenue streams with expenditures
- Balance engineering needs with funding
- Rate design related to policy choices
- Consider “phased equity” to reduce impacts



What We Want From You Today...

- Advice on policies & ordinances
 - General philosophies
 - Specific policy - When is sewer connection required?



General Philosophies

- Simple vs. complex
- Stability of revenue
- Predictable vs. variable rates
- Equity between customer classes
- Evaluate annually or every 2-3 years
- Ease of implementation



Policy: When is Connection Required?

- New development/major modifications
 - JCC 18.18 Upon development, if available. Otherwise install interim on-site system and convert when available, sign no-protest agreement for ULID
- Interim on-site system
 - Within 1 year of sewer availability (sewer extension within 200 feet of closest property line), decommission septic system



Policy: When is Connection Required?

- Existing buildings
 - Not yet defined
- Alternatives:
 - Immediately when sewer available
 - Within 1 year of availability
 - Upon failure of septic system
 - Other
- Factors to consider:
 - Planned expansion/phasing
 - Funding requirements
 - Utility financial stability versus customer costs

Slide 16

MOffice5 So some thoughts on this:

1) Should we include any information about the various service areas or have a slide showing those? We have talked about the fact that sewer would be available to the core area and Alcohol Plant 1st, like in 2001-12. the Rhody area after that, and then residential areas #1-3 with Residential #3 by 2024. So seems we need to include something on that in here, like Residential Area3 which is adjacent to the Core area might have some areas within 200 feet in the first year, but they may not have to tie on until 2024. So, seems we have to talk about the areas in this dialog.

2) Now, what happens if someone in Residential Area #3 (the last area projected to tie in) decides to build and starts a sewer system into the area - would those then near by that extension have to tie in now - let's say it happens in 2013 - would adjacent property owners have to tie in starting in 2013 and not 2024 when they expected - in effect starting a domino effect. Seems that could force the whole area into the system years before they might think they have to.

3) Under the alternatives, do we need something in there on what the funding agencies might require - in other words is there really a choice? We don't want the SAG to think there is a choice when there really isn't!

Sorry to raise these concerns, but I think we need to think this through!!

, 7/8/2009



Policies & Ordinances

- SAG questions
- Follow-up items
- Next steps on policies and ordinances
 - Side sewer policy
 - System management
 - Rates/cost allocation
 - Local improvement district (LID/ULID)



Wrap Up & Next Steps

- Action items
- Key questions
- Next steps
- Next meetings
 - August – preliminary topics
 - September
 - October