

## **EXHIBIT B**

### **Meeting Notes:** Agency Meeting

# Meeting Minutes

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**DATE: February 17, 2005**

**TO:** Jim Brennan, JA Brennan and Associates (JAB)

**FROM:** Desiree Douglass

**SUBJECT:** Minutes for Agency Meeting on February 14, 2005 for Juanita Beach Park Master Plan

**COPIES:** Harry Gibbons, Tetra Tech, Inc.  
Stewart Reinhold, WDFW  
Janet Curran, NOAA Fisheries  
Teresa Sollitto, City of Kirkland Parks  
Stacey Rush, City of Kirkland Planning  
Angela Ruggeri, City of Kirkland Planning  
Monica Durkin, WADNR

**Project:** Juanita Beach Park Master Plan  
**Project No.:** JAB0001

**No. Pages** 6

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**Memorandum for Juanita Beach Park Agency Meeting**  
February 16, 2005

**Attendees:**  
See Attached List

**SUBJECT: Agenda for Agency Meeting for Juanita Beach Park Master Plan**  
**DATE: February 14, 2005**  
**TIME: 10:00 am to 1:30 pm**  
**PLACE: Forbes House, Juanita Beach Park, Kirkland, Washington**

**Introductions**

City of Kirkland Parks and Recreation Department, WA DNR, WDFW, City of Kirkland Departments of Planning and Surface Water Mgmt., Consultant Team (JA Brennan, Douglass Consulting, Tetra Tech, Inc.)

**Overview of Juanita Beach Park Master Plan Process to Date**

- Discuss Project and Site Background
- 2002 Juanita Beach Park ownership transferred to City from King County
- Key Habitat Restoration features of Master Plan
  - Off-channel rearing habitat of Juanita Creek

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- Riparian restoration for Juanita Creek
- Potentially relocate parking lot toward Juanita Drive
- Potential Boat rental center –located in part on shore and in part on the dock
- Public input on Program Elements
  - Balance actively used park with natural resource
  - Community recreation room
  - Large scale gathering areas
  - Access to waterfront
  - Similar to Gene Coulon Park in Renton – snack bar near waterfront, food concession carts, boat rentals etc.
  - Idea of snack bar on lake discussed, most likely small scale bldg.
- Questions regarding Juanita Beach Park as a regional park
  - Regional vs. Community Park
  - Most likely regional
  - Used by more than Kirkland residents
  - Restore quality of destination park
  - Potential for park to provide some revenue generation
  -

### Lake Washington/Juanita Creek General Information

- Information from McCleod Reckord Site Analysis Report (1998)
  - 20,000 tons of sediment deposited annually at mouth of Juanita Creek
  - 10,000 sf delta
  - 268,000 sf swimming area
  - ??Peak 90-270 cfs flow in Juanita Creek
  - Low 2-3 cfs in Juanita Creek (flashy system)
  - Stream is flashy – manage for habitat
  - USGS gauge north of Juanita Drive
  - Shoreline moved 15-20' between 1985 and 1998
  - 5 mile fetch from SW – protected in summer
- Sockeye spawning:
  - Reports of sockeye going up Juanita, not normally spawning
  - Sockeye spawning
    - Not in sand typical
    - 2-7' depth spawn was thought
    - could be up to 30' now – upwelling
  - Pleasure Point good area for sockeye - as case study
  - Sockeye spawning at 30' depth according to some reports
  -
- Coho documented in Juanita Creek
- Chinook
  - Reports – not confirmed
- Steelhead

### May be present

- Juanita Beach doesn't have big milfoil problem
- Fine materials are big attraction for spawning
  - overall net transport of sediments in area is to the north but in this location sediment transport is to the south
- City recommends using USACE: 21.85 foot elevation for?? OHW?
- Lake WA elevation drops in fall starting in September (drops to 2 feet below OHWM)

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- Lake WA rises in spring to a summer high
- Neighbors complaint about beavers activities upstream

### DNR Ownership

- DNR lease currently approximately 12 acres
- In 2007 DNR lease expires
- Need to be renegotiated
- If we rent boats, DNR may increase lease. Current lease very old \$100/yr at first, now free to city.

### Water Quality in Juanita Creek and Swimming Area

- WDOE 303(d) Listing of Juanita Creek
  - Bacteria
  - Sediments
  - Temp (advisory)
  - Nutrients? (Tetra Tech check on this)
- Bacteria levels main issue for swimming
- On-site input of pollutants –bacteria from geese populations
- Off-site inputs of sediment, bacteria and pollutants
  - Sediments deposited at mouth of Juanita Creek – major sources outside City limits
  - Need to study upstream areas in City and King County to identify sources of sediment
  - Capture sediment at the source
  - Juanita Creek sedimentation. rate: 20,000 thousand tons/yr
- Baffles on Overwater walk
  - Baffles may have been to protect swimming area from waves, or thought to keep pollutants from creek from entering swimming beach (note that this doesn't work, and that the baffles make water quality worse by limiting mixing & dilution.
  - Pollution comes in from shoreline lawns, and associated goose droppings, and stagnates in swimming area
  - Baffles prevent circulation of water in swimming area.
  - Skirting and baffles attract bass – predators
- Approaches for improving water quality at swimming beach:
  - open up bay by removing baffles and allow flushing and dilution of water in swimming area
  - use pervious pavement, rain gardens, and bioswales
  - City of Seattle has tried some water quality approaches - pumping scheme didn't work.
  - goose control – use low shrubs to block view of grass from beach
  - Dredging in Lake Washington may still occurs but is more complicated due to regulatory issues. The swimming beach area has been dredged in the past.
  - 5-year HPA to dredge the sediment is required

### Off Channel Water Quality Treatment Flood Fringe and Marsh Restoration Habitat

- Potential to develop sedimentation pond in park to remove sediments from Juanita Creek prior to discharge to Lake Washington
  - See Juanita Creek – 124th Avenue sedimentation pond
  - Space constraints to treat for sediment

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- Maintenance of sedimentation pond an issue with volumes of sediment
- Summer treatment could be provided to treat for bacteria
- Different system for bacteria treatment than sediment removal – smaller area needed
- Cells
- Off- channel habitat LWD complexity
- Not let all the sediment get captured in the pond – let some pass through to feed spawning beds
- Need to allow fish functions
- Can we give up that much area for a channel sedimentation pond?
- make sure side channel flow through doesn't interfere with main channel
- focus on bacteria control
- Off channel habitat restoration and bacterial treatment and sediment control
- Direct creek mouth away from swimming area is possibility.
- If proposing to relocate channel to relocated mouth of creek – need to show net benefit overall.
- Upstream BMPs – riparian restoration – invasive control - shade black berry with plants
- Buffer enhancement opportunities - Vegetate banks of creek upstream
- Look at collaboration with King County for sediment control in creek
- Goat Hill high source of sediment into Juanita Creek
- Look at aeriels of sedimentation over time and water quality data
- Develop water quality treatment alternatives
- Potentially use LWD to capture islands at mouth of creek
- LWD could replace sheltering function of baffling
- How would sediment control affect surrounding neighbors

### Shoreline Restoration

- Provide planted shoreline buffer in locations but not too high adjacent to Bayside Condos to preserve views
- View corridor – red osier dogwood, willow, carefully placed larger trees
- Buffer – can we have something close to boat rental
  - Bayview condos
  - Substantial development permit
  - Public process

### Approach to Overwater Walk

- NOAAs issue is the overwater boardwalk
- Replace concrete covering with grating – let light in to the deck grating
- Possibly add a small float at 3-6' water depth on the breakwater for boat launch
- Keep float as far offshore as possible
- Look at dimensions of structure – use grating.
- 70% of light coming through pontoon style.
- 2:1 ratio and grate the float
- 60% ambient light requirement
- If can only get 40% light, then explain the WDFW
- Float – keep as far off shore as possible
  - Minimize size of float
  - Can get float up to 70% grating pontoon style float
- Lots of mitigation potential, remove b/water

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- Consider 2:1 ratio new dock vs. adding grating. 60% ambient under structure is goal

### On-Site Buildings

- City Parks have indicated that other than the Forbes House all buildings on the park property will be removed or replaced with new buildings
- Relocate maintenance building from buffer or remove entirely
- Remodel (less permit issue) i.e. Picnic shelter
- Replace
  - Picnic
  - Swimming supports-building
  - Life guard
  - Changing
  - Restroom
- Small boat concession (needs discussion)
  - On shore
  - Function issues
  - Float required
  - Building near shore
  - Rough water and bower boat conflicts
  - City operation/vendor operation
  - DNR release
  - DNR wants permit removed to loosen execution (?)
  - Number of bathhouses within 200' shoreline
  - SMP setback
  - Residential zone (confirm)
  - Houton, Waverly has structure in (200'), SMP will uphold
  - Determine by for non-motorized craft
  - Conditions with novice boaters with winds
  - Sensitive areas in Juanita Bay Park
  - Profitability
  - DNR state-land would need a share of fees

### Circulation System (Trails and Parking)

- Bayview Condos – no linkage along water in front of their property.
- Path promenade linkage to south along Juanita Blvd. to bypass condos and apartments
- Consider use of pervious pavement

### Lighting

- attracts birds
- easy to improve
- pumping system not working, must have 15% exchange
- artificial lighting didn't work under dock in previous project.

### Grants

- Centennial Clean Water Grant (for offsite study to ID off-site water quality issues)
- Forbes House – Landmark Building grant for historical buildings – see King County
- Start SRFBF – meet with WRIA 8 - WRIA 8 – can apply now next 2 years
- IAC
- Match issues

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### Permitting Nexus:

- Feds and WDFW looks for similar things
- Track City's SMP update process – coordinate with staff
- Zoning permit possible
- Douglass Consulting prepare permit nexus table for Master Plan projects

### Mitigation & Enhancement Potentials:

- Grating of portions of the overwater walk
- Grating of the proposed small boat rental float and day use moorage docks
- Shoreline & buffer plantings

### Next Steps

- Send meeting notes out to attendees and agencies
- Coordinate with USACE, WDFW, Muckleshoot, WRIA 8, WDOE, King County, etc.