

MIRROR POND MANAGEMENT COMMITTEE

Meeting Notes

April 30, 2013

12:00 - 2:00

Community Room

Bend Park & Recreation District Headquarters

799 SW Columbia St, Bend

*Note: names in **bold** print indicate member in attendance.*

Steve Johnson <i>Deschutes Basin Board of Control</i>	Tod Heisler <i>Deschutes River Conservancy</i>	Chuck Arnold <i>Downtown Bend Business Association</i>	Leslie Olson <i>River West Neighborhood Assoc.</i>
Don Horton <i>Bend Park and Recreation District</i>	Victor Chudowsky <i>Bend City Council</i>	Mark Capell <i>Bend City Council</i>	Ryan Houston <i>Watershed Council</i>
Angela Jacobsen <i>Pacific Power</i>	Spencer Dahl <i>Old Bend Neighborhood Assoc.</i>	Peter Werner <i>City of Bend Planning Commission</i>	Bill Smith <i>Citizen At-Large</i>
Bill Olsen <i>Citizen At-Large</i>	David Rosell <i>Chamber of Commerce</i>	Mel Oberst <i>City of Bend Staff</i>	Reagan Desmond <i>Citizen At-Large</i>
Jim Figurski <i>Project Manager - Bend Park and Recreation District</i>			

- Jim provided an overview of 8 potential scenarios to mirror pond sedimentation problem and the 4 scenarios the tech advisory committee recommends moving forward
- Jim gave summary of tech engineering report and permitting report
 - Inter-fluve report states pond is functioning as a lake not a river
 - Sediment is soft and goeey and not good top soil, mostly sand
 - 380,000 cubic yards of volume throughout bottom of pond
 - Sedimentation rate is about 1400 cu ft per year
 - There are 2 to 3 meters of sediment at bottom of channel and is much deeper as you move away from channel
 - Hydraulic suction is recommended as the best sediment removal technique

• SCENARIOS

A - Do Nothing

Mostly mudflats with a well-defined channel

B- Dam in place with full sediment removal

Extensive open water
Full sediment removal cost is \$18M
Repeat dredging every 30 to 50 years

C -dam in place partial removal

D- Dam in place partial redistribution of sediment
Designer dredging requires subsurface bank stabilization
Use dredge material to create islands, wetlands and park land
requires location to de-water sediment
Sediment deposition will occur mostly immediately
below Galvaston bridge where ongoing dredging can take place

E- Remove dam and no active sediment management
Possibility for aggressive pioneer specie invasion in mudflats and wetlands including protected species
We can create an amenity that will then be regulated
Could pursue "safe harbor" approach

F - Remove dam reconstruct channel with sediment management

G- Remove dam with active sediment management and channel relocation
Creates more land on east side of channel
This is an aggressive manipulation of channel

H -Partial dam removal and stepped water terraces

- Management Board voted 10 in favor and 1 opposed to advance scenarios A, B, D and G for further study
- Next meeting to be held in June