

Date: August 27, 1997

To: Rivergate Signatory Agencies, Rollie Montagne, and Brian Campbell

From: Emily Roth, Smith and Bybee Lakes Wildlife Area Manager

RE: Tentative Decisions on the Rivergate Agreement from the 8/19/97 field trip to Ramsey Lakes

Field Trip Attendees:

Brian Campbell, Port of Portland  
Rollie Montagne, Port of Portland  
Scott Carter, Port of Portland  
John Marshall, USFWS  
Jennifer Thompson, USFWS  
Emily Roth, Metro

Mitigation Program Elements:

2. New fill slopes will be no steeper than 3:1 and permanent fill slopes will be planted using the specifications in Attachment B.

Goal: Provide a vegetative buffer for wildlife between the ponds and the railroad. Also, to control erosion on the banks.

Actions:

- Revegetate the buffer strip between the ponds and the railroad.
- Look at pulling back the road. If the road cannot be pulled back, then increase buffer area at a different location at a ratio of 3:1.
- Permanently mark natural area, buffer area and development boundaries.
- Determine if there is a containment plan for hazard material spills for the area.
- Use a reference site for slope plantings to determine appropriate plant species.
- Examine the possibility of revegetating road between Ramsey Lakes and the stormwater facility to the west for additional buffer.

3. Ramsey Lake wetland, island and adjacent uplands...(T)hree separate ponds must equal at least 16 acres of water surface area.

Goal: To create a diversity of habitats-open water, uplands and emergent marsh.

Actions:

- Create at least 6 additional acres of emergent marsh. The Port will produce a map showing wetland enhancement area with water levels and planting scheme. Choose points to create breaks into existing ponds for connections.
- Look at emergent marsh habitat in shallow lobe by stormwater pond for example of shallow marsh.
- Write goals and objectives for the islands.
- Remove exotic vegetation from the islands. Replant with appropriate native species that meet the goals and objectives of the islands.
- Develop a maintenance and monitoring plan for replanted islands.

- Map the height of the islands and the height of the emergent fringe around the islands.
  - Determine the area of the emergent fringe and islands from aerial photography.
5. Provide a minimum of 100 foot buffer along the slough in South Rivergate.  
Goal: To provide buffer for wildlife between the slough and development.  
Actions:
- Port will look into revegetating the area before development occurs.
  - Port will measure the existing buffer fringe and determine how much more needs to be planted.
  - Total riparian habitat enhancement, including the 100 foot buffer, will be at least 5 acres.
5. Continue to maintain a 150 foot buffer adjacent to the slough in North Rivergate.  
Need to know:
- If BES stormwater facility is going to be built in this area.
  - Area of existing buffer vegetation along the slough.
6. The existing pond adjacent to the new fill line in the North Bybee Lake area will be deepened and enlarged...
- Needs to resolve this element. Port may need additional mitigation area if the project is not practical.

The other elements of the agreement were not discussed or agreed upon at the field visit. Rollie indicated that he would schedule a meeting towards the middle to end of September with signatory agencies to review progress and the revisions to the Rivergate Agreement.

If you have any questions or comments about my recollection of the tentative agreements during the site visit, I can be reached at 797-1515.

# E. Roth notes

MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
✓ 2. New fill slopes, indicated on Attachment A, will be no steeper than 3:1.  <i>- Revegetate the buffer stretch</i> <i>- Look at pulling back Road - What does RL really need</i> <i>goals: Erosion Control</i> <i>Buffer habitat from RR</i>	Slopes must be 3:1 or less steep  <i>- If can't pull back buffer averaging at 3:1 ratio</i> <i>- Commitment issues for workers materials</i>	Determine slope at representative locations. Cut back slope if necessary, where feasible, or determine other mitigating measures to accomplish same goal (erosion control?)	<i>Re info by Sept 10 to meeting</i>			
✓ 2. After permanent fill slopes are formed in these areas (indicated on Attachment A), they will be planted using the specifications in Attachment B.	Permanent fill slopes to be revegetated per specifications in Attachment B	To be done as part of final site development  <i>Use Ref site</i>	<i>What vegetation really belong By Sept 10 - Idea for planting Scott work w/ consultant</i> <i>For slopes</i>			<i>Permanently mark Natural area Buffer area development boundaries</i>
2. Vegetative screen to lessen the impact of the industrial development on the wetland area will be planted using the guidelines in the Smith and Bybee Lakes Management Plan, or the City's E Zone standards if the Management Plan has not been adopted.	Smith and Bybee Lakes Management Plan guidelines, Policy 22, B (page 54)	To be done as part of adjacent site development where guidelines indicate need.				
3. The Ramsey Lake wetland and part of the adjacent upland area will be excavated to create year-round ponding, wetland fringe and islands, as indicated on Attachment A. Three separate ponds must equal at least 16 acres of water surface area.	Create at least 16 acres of water surface area (not including islands)	Approx. 10 acres exist. Additional acreage could be created between ponds and slough.				

Create post produce mitty showing  
 6 more w/ enhancement area w/ water levels  
 Acres - Look at shallow lake habitat by stormwater road - tie into lakes - pick pts to break into ponds. Reestablish vegetation  
 - Reveg. road between Ramsey LK and stormwater facility to west  
 - 20 acres of riparian vegetation planting scheme  
 - 20 acres of riparian vegetation planting scheme

3. Wetland fringe and islands associated with the ponds will be planted as specified in Attachment B. Creation of the new ponds will leave the existing fringe vegetation in place (to the extent practical) on the east side of Ramsey Lake.

Attachment B

Done. Site visit to determine additional measures needed, if any.

Write goals/objectives for islands

control exotics (remove)

re-design plants

vegetation scheme to meet goals/objective

- survey - topo map

- As built's

look at reference sites around

Aerial photography → for area of fringe: island

- Height of islands - Field Survey  
Height of fringe

Plana



MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
3. Material removed from Ramsey Lake may be used for construction of adjacent fill dikes and/or islands, or used to enhance upland soil before vegetation is planted.	Limitations on placement of fill removed	Done				
4. The remaining upland area between Ramsy Lake and the Columbia slough will be planted with appropriate upland species, using the specifications in Attachment B. At least 20 acres of riparian habitat will be created in this project.	20 acres of riparian habitat to be created. Planting specifications are in Attachment B.	Planted, but did not survive. Further plantings to be determined with subgroup				
5. The PORT will provide a minimum 100 foot buffer (measured from the ordinary high water mark) along the slough in South Rivergate.	100 foot buffer preserved in perpetuity	Being maintained as open space. Plat needs to be finalled.	Buffer planted as development occurs adj. to it.		Port will look into revegetation possibility before development occurs - port measure fringe & see how much more is needed	
5. Continue to maintain a 150 foot buffer adjacent to the slough in North Rivergate. Buffer will include a 100 foot vegetative buffer next to the slough and a 50 foot easement area for the 40 mile loop trail. The exact location of the trail may vary in order to accommodate topographical or vegetative features. Vegetative features also be the location for stormwater outfall passive treatment facilities (i.e. constructed wetlands).	100 foot buffer and 50 foot easement preserved in perpetuity. <i>need to know if BES stormwater facility is going to be built - area of existing buffer along slough</i>	Platted. Working on easement with City.  BES and Port discussing locations for 2 treatment facilities.				

MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
5. The PORT will replant riparian vegetation in these (both 100' and 150') buffer areas where it has been destroyed through the PORT's filling or construction activities (see Attachment B).	Revegetate impacted areas as specified in Attachment B.	Port working in area along NE bank to remove excess material; will replant as directed.				
5. <u>At least 5 acres</u> of riparian habitat will be enhanced in these (along slough in South Rivergate) buffer areas.	Attachment B <i>includes 100 ft - 150 ft - Cheatom Slough w/ 5m</i>	Planting as development occurs.				
6. The existing pond adjacent to the new fill line in the North Bybee Lake area will be deepened and enlarged as indicated on Attachment A. <u>At least two acres of wetland will be enhanced in this project.</u>	Attachment A. 2 acres will be "enhanced". (Need specific standards)	Done	<i>Look at air photo for existing; protected when Bybee fill moved. May want to add 2 acres to potential enhancement near Bybee Rangey Lakes</i>			
7. The PORT will have an analysis prepared of the surface water flow patterns in the Columbia Slough system.	Analysis sufficient to determine design characteristics for water level control projects	Done				
8. Construct a water control structure in Smith Channel between Smith and Bybee Lakes.	Enable habitat modifications in Smith Lake through water level manipulation.	By agreement with all signatories, this project was changed to the water control structure built in 1992				

*2. Have to resolve*

MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
9. Construct a channel between the western end of Bybee Lake and the Columbia Slough.	Bybee Lake function as an integral part of the Columbia Slough/Will system. Enhance 170 acres of lake and wetland habitat. Habitat diversification in Bybee Lake	This project language is being revised. The new project will be to provide a water control structure for the lakes which allows unobstructed flow into and out of the lakes on a daily and seasonal basis and can be manipulated to impound water.				

MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
"Revised" 8 & 9 Port to provide a pump and power source (spec.s to be agreed upon by signatory agencies and Metro) to augment flow into the lakes when necessary.						
"Revised" 8 & 9 The PORT will work with the Smith and Bybee Lakes Manager to develop a Habitat Restoration Plan that Includes maintenance and monitoring to ensure that management objectives are met.	Outline stratagy to return the Smith and Bybee Lakes area to tidal freshwater marsh habitat.					
10. The PORT will design and construct a public storm drainage system which will be built to City of Portland standards.	City of Portland standards and Attachment C	Being done.				
10. Upon completion, elements of the public storm drainage system will be transferred to City ownership for operation and maintenance.	Transfer to City ownership	Being done.				



MITIGATION PROGRAM ELEMENTS	PERFORMANCE STANDARDS	TASK	TIMELINE	BUDGET	RESPONSIBLE PERSON	DATE COMPLETED
10. Water from this public storm drainage system will not be routed into the Columbia Slough, Smith, Bybee, or Ramsey Lakes wetland systems without first entering a passive treatment facility to filter out commonly occurring substances, such as oil, grease, etc., which would have a significant negative impact on water quality.	Water must enter passive treatment facility. Attachment C	Being done				
10. Emergency spill containment will also be part of the passive treatment facility above the wetlands. Attachment C indicates the current PORT plan for storm drainage in Rivergate.	Facility must have emergency spill containment, Attachment C	Being done				