

W. S. A.

## AGENDA COVER MEMO

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DATE: March 21, 2005 (Date of Memo)  
April 6, 2005 (Date of Work Session)

TO: Lane County Board of Commissioners

DEPT.: Public Works, Parks Division

PRESENTED BY: Todd Winter

AGENDA ITEM TITLE: Report on the U.S. Army Corps of Engineers Drought  
Contingency Plan, a part of the Reservoir Management Plans for  
the Willamette Valley Reservoirs

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### I. MOTION

None Requested

### II. ISSUE OR PROBLEM

The U.S. Army Corps of Engineers (USACE) and Lane County Parks Division Manager met with Commissioners Morrison and Stewart on March 16, 2005, and USACE outlined the drought contingency plan for the Willamette Valley Reservoirs. Commissioner Morrison recommended that it would be beneficial to formally apprise the entire Board of County Commissioners of the Drought Contingency Plan and the overall condition of the Willamette Valley reservoirs.

Mr. Matthew T. Rea, USACE Project/Study Manager (Portland District), will provide a report to the Board, and Mr. Winter will be on hand to provide any needed information about the impacts on Lane County Parks.

### III. DISCUSSION

#### A. Background

Attachment A, Current Condition of Willamette Valley Reservoirs – March 15, 2005, was prepared by the USACE and provides detail about Willamette Valley Reservoir flows at Mid-March.

#### B. Analysis

As Commissioners are aware, the Willamette Valley appears to be facing a significant drought this year. At the weekly Willamette Interagency Conference Call on March 10, facilitated by the USACE, the Corps reported that the Willamette Valley reservoirs are 17% full, and this is

36% below normal. At the April 6 meeting, Mr. Rea can report on anticipated water-related impacts and will be available to answer technical questions.

Public meetings regarding the state of conditions in the Willamette Valley will be held at 7 p.m. nightly on March 28th through 31st in Oakridge (28th), Sweet Home (29<sup>th</sup>), Detroit (30<sup>th</sup>), and Eugene (31<sup>st</sup>).

Interagency meetings are scheduled for April 21 through May 26 to continually monitor the situation. USACE personnel will also meet with Senator Wyden to discuss drought preparedness. Mr. Rea can provide additional, available information at your regular meeting on April 6.

**C. Alternatives/Options**

This is an informational item only.

**D. Recommendations**

Not applicable.

**E. Timing**

Not applicable.

**IV. IMPLEMENTATION/FOLLOW-UP**

No follow-up at the Board level is needed at this time unless requested.

**V. ATTACHMENTS**

A. Current Condition of Willamette Valley Reservoirs – March 15, 2005

## Current Condition of Willamette Valley Reservoirs – March 15, 2005

### Flows:

Project	Current Flow (cfs)	Operating Minimums	Drought Min Flows (cfs) Feb - Jun	Drought Min Flows (cfs) Jul - Nov
Hills Creek	300	400	100	100
Lookout Point	1000	1200	1200	1000
Fall Creek	50 - not the minimum of 30 because of fish considerations	50 until May 1 - 150 May through Aug	30	30
Cottage Grove	60 - Inflow down to 50	75 until July - 50 July on	75	50
Dorena	120 - Inflow down to 100	190 until July - 100 July on	190	100
Cougar	200	300	300	200
Blue River	50	50	50	50
Fern Ridge	110 - Inflow to keep pool steady at 353 ft	50 until July - 30 July on	50	30
Green Peter	140	50	50 <sup>1</sup>	50
Foster	600	800 until July - decrease to 700 by Sept	800 <sup>2</sup>	600
Detroit	750 - Apr & May flow will be 900	1000 until April - 1500 April and May - 1200 June and mid July - 1000 mid July on	1000	750

### Salem

	Flow Objectives	2005 (Modeled)
Apr 1-15	20,500	11,000
Apr 16-30	17,800	9,500
May 1-31	15,000	8,000
June 1-15	13,000	6,500
June 16-30	8,700	6,000
July 1-31	6,000	5,500
Aug 1-15	6,000	5,000
Aug 16-31	6,500	5,200
Sept 1-30	7,000	5,200
Oct 1-31	7,000	5,200

### Albany

	Flow Objectives	2005 (Modeled)
July - October	5,000	3,800

## Storage:

Project	Currently Full (%)	Scheduled Full (%)
Hills Creek	11.1%	54.9%
Lookout Point	13.4%	52.5%
Fall Creek	14.8%	52.7%
Cottage Grove	13.4%	36.2%
Dorena	8.7%	35.4%
Cougar	-3.2%	50.8%
Blue River	25.9%	49.5%
Fern Ridge	-4.3%	47.3%
Green Peter	26.6%	55.4%
Foster	14.1%	38.1%
Detroit	22.3%	53.8%

System	14.8%	51.7%
Current Cons	235.2	
Scheduled Cons	823.5	
Total Cons	1,593.70	

## Boat Ramps:

Project List	Site Name	Elev (ft)	Site Name	Elev (ft)	Site Name	Elev (ft)	Site Name	Elev (ft)	Site Name	Elev (ft)
Blue River	Lookout	1330	Saddle Dam	1295						
Cottage Grove	Wilson Creek	779	Lakeside	745						
Cougar	Sunnyside	1690	Slide Creek	1635	Echo Park	1635				
Detroit	Kanes Marina	1556	Detroit Ramp A	1555	Hoover Camp	1546	Detroit Ramp B	1545	Mongold	1450
Dorena	Harms	825	Baker Bay	765						
Fall Creek	Cascana	825	Winberry Creek	780	North Shore	689				
Fern Ridge	Perkins	368	Fern Ridge Shores	367	Richardson	365	Orchard Point	364		
Foster	Gedney	617	Sunnyside	613						
Green Peter	Whitcomb Creek	980	Thistle Creek	919						
Hills Creek	Bingham Landing	1520	C.T. Beach	1507	Packard Creek	1441				
Lookout Point	Black Canyon	920	Meridian	911	Hampton Landing	911	Signal Point	821		

Note: Site Names in bold may be usable for at least one day this summer.

## Power:

Project	Storage in Power Pool (kaf)
Hills Creek	49.3
Lookout Point	12.6
Cougar	9.6
Green Peter	40.0
Detroit	39.4

System 150.9