

Committee of the Whole Presentation

September 8, 2010

Overview of the Presentation

■ Topics and Presenters:

- Emergency Management Update
 - Hillman Mitchell, Director, Office of Emergency Management.
- Flood District Funded Activities
 - Mark Isaacson, Director, Water and Land Resources.
- Current Facilities Updates
 - Kathy Brown, Director, Facilities Management Division
- Budget Update
 - Sid Bender, Budget Supervisor, Office of Management and Budget.
- FEMA Update
 - Hillman Mitchell, Director, Office of Emergency Management.

Emergency Management

- U.S. Army Corps of Engineers Review
- Community Outreach
- Regional Planning Efforts

Community Outreach

- Community Notification and Warning Systems
- Business Fact Sheet
- Vulnerable Populations
- National Flood Insurance Program

Notification and Warning

- King County, Green River cities, and the King County Flood Control District.
- Tested during State Earthquake Drills.
- Geographic regional calling.
- Sign-up for other modes of notification.
 - Cell Phone, email, Pager, Text Messaging

Business Fact Sheet

- **Myth Busters Fact Sheet is being updated to reflect new HHD risk assessment (1:60).**
- **Coordinated information between state and local agencies.**
- **Distribution to agencies and local economic development groups. Key audience is business folks wanting information to make informed business investment decisions.**

NFIP Flood Insurance

- FEMA plans September advertising campaign with focus on business community.
- Campaign will include direct mail to state/local business contact list.
- State Insurance Commissioner's new flood market assistance program underway.

Planning Efforts

- KC Department level planning for mitigation, preparedness, response and recovery efforts.
- Coordination with jurisdictions, state, and federal partners on resources and support as identified.
- Establishing MOU's with sites and supporters for Mass Care.
- Inter-Agency Communications Plans & Drill

Overview of King County Flood District Activity

- Maintenance of Supersacks, HESCO Barriers and Black River Pump Station
- 2007-2010 Construction Projects
- Capital Projects Update
- Enhanced Public Outreach
- Coordination of Flood Patrols



Maintenance of Flood Protection Measures

- Reinstall new Super Sacks and HESCOs where needed.
- Fill gaps between Super Sacks with sandbags.
- Replace reinforced vinyl covering and install new sandbags at base.
- Enhanced vegetation clearing for better visual inspection.



BlackRiver Pump Station



- Outlet channel containment with Super Sacks
- Backup electrical generators installed
- Diesel fuel storage enhanced
- Debris control barrier in forebay inlet installed

2007-2009 Major Capital Construction Projects

Name	Year	Length (Linear Feet)	Total Project Cost*
Briscoe	2007	400	\$ 835,000
Kent Shops-Narita	2008	5,000	\$ 10,400,000
Meyer's Golf	2008	1,600	\$ 4,500,000
Dykstra	2008	650	\$ 1,600,000
Galli's	2008	1,100	\$ 2,800,000
Tukwila 205	2008	900	\$ 8,875,000
Horseshoe Bend	2009	2,200	\$ 4,000,000
42 nd Avenue South	2009	100	\$ 354,000
Total =		12,510	\$ 33,364,000

* Includes funding from other partners

2010 Construction Projects

Name	Length (Linear Feet)	Project Cost
Stoneway Revetment	185	\$ 600,000
Hawley HESCO Replacement	1,300	\$ 250,000
Dykstra Sinkhole	100	\$ 45,000
Total =	1,585	\$ 895,000



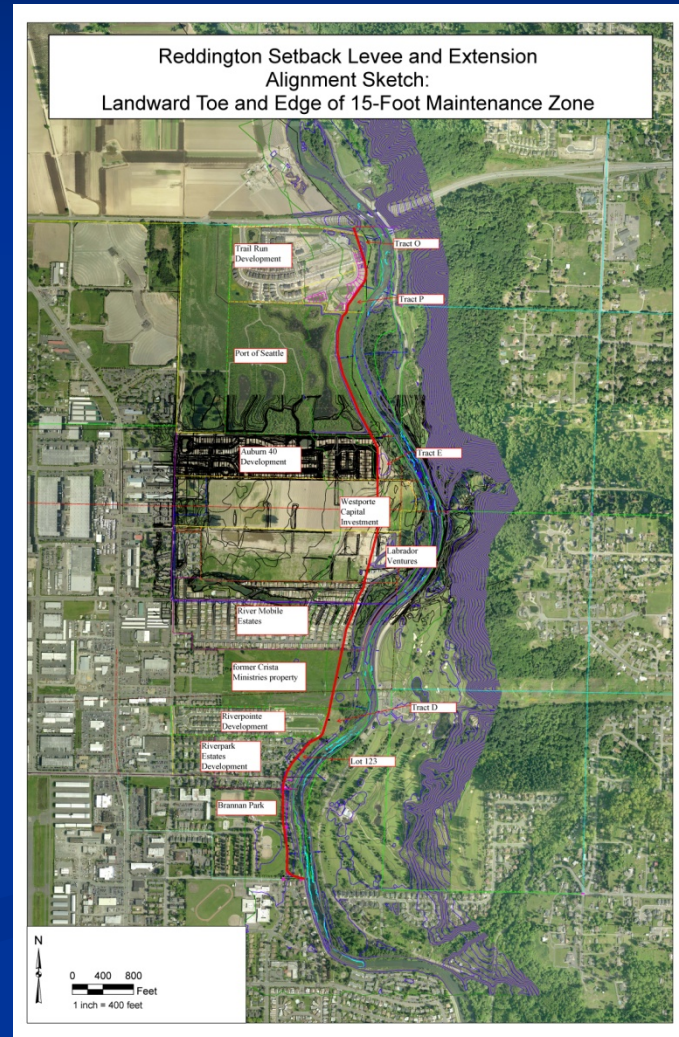
Capital Projects Under Design and Engineering

- South 180th to 200th Levee Rehabilitation
 - Setback of up to 2.7 miles of levees
 - Protects the Cities of Tukwila, Kent and Renton
 - Multi-year construction, proposed to begin in 2012



Capital Projects Under Design and Engineering

- Reddington/Brannon Park Levee Setback and Riverside Estates Levee Construction
 - Approximately two miles
 - Protects City of Auburn and portions of the City of Kent
 - Projected 2011-2012 construction



Enhanced Public Outreach

Green River Flooding
ARE YOU READY?
Prepare now for a higher risk of flooding



PREPARE NOW


1. Make an emergency plan for your family, pets or livestock.
2. Assemble an emergency kit.
3. Buy flood insurance now – it takes 30 days to take effect. www.floodsmart.gov
4. Get a radio and keep fresh batteries.

IN THE EVENT OF A FLOOD

1. Monitor area news.
2. Move vehicles and equipment to higher ground.
3. Do not walk or drive through standing water or closed roads.
4. Listen for alerts about evacuation notices and routes. Heed evacuation instructions.
5. Bring medications and supplies with you.
6. Relocate animals and livestock, if needed.

 
www.kingcounty.gov/floodplans

FLOOD WARNING INFORMATION
for Major Rivers in King County
2009-2010





SEE INSIDE FOR INFORMATION ABOUT:

- FLOOD PREPAREDNESS
- EMERGENCY OPERATIONS
- POST-FLOOD RECOVERY

VISIT OUR WEB SITE FOR MORE INFORMATION:

- Real-Time River Gage Readings
- Flood Watches, Warnings and Statements
- Flood Hazard Maps
- King County Flood Alerts
- Howard Hanson Dam Status

www.kingcounty.gov/flood

- Mailing of Flood Warning Brochure; Produced in Multiple Languages.
- Expanded Roll-Out of Automated Flood Warning System.
- Public Meetings During October Flood Awareness Campaign.
- Flood Preparedness and Safety Video in Multiple Languages.
- Print and Online Media Communication.

Flood Patrol and Communication Improvements

- Levee Inspection Training by Corps of Engineers.
- Flood Patrol Books Provided to all Jurisdiction and Corps of Engineers.
- Uniform Communication Radio System for All Jurisdiction and Corps of Engineers.
- Early Coordination to Ensure Roles and Responsibilities are Clear; Increased Flood Patrols.



2009-2010
FLOOD WARNING INSTRUCTION BOOK

OCTOBER 2009

 **King County**
Department of Natural Resources and Parks
Water and Land Resources Division

NAME:

Current Status
of
County Facilities

South Treatment Plant - Renton

- Temporary Floodwalls have been installed in the low areas of the plant.
- Temporary Generators will not be required this year. PSE fortified O'Brien Power Station, 2nd power feed, with HESCO's, generators and submersible pumps.
- All preparations have been made to Interurban Pump Station for the filling of Floodwalls.

Maleng Regional Justice Center

Work completed:

- Evacuation plans in place for inmates and employees.
- Shelter in place plans as contingency.
- Flood protection in place.

2010-2011:

- Complete supplemental power and heat.
- Maintain Shelter-in-place equipment and supplies.
- Maintain evacuation sites.
- Flood protection remains in place.



Ecology Block
Wall – MRJC

Aukeen District Court

Work completed:

- District Court Operations temporarily relocated to Renton.
- Flood protection in place.



2010-2011:

- District Court Operations remain in relocated space.
- Flood protection remains in place.

Earlington (Elections)

Work completed:

- Elections operations temporarily relocated to King County Airport Operation's Center.
- Flood protection in place.

2010-2011:

- Elections Operations remain relocated during capital project.
- HVAC/Roofing Project to be completed in 2011.
- Flood protection remains in place.
- Elections Operations returns – Summer 2011

Earlington HVAC and Roofing Project

- Opportunity to complete Building Roof and HVAC replacements while building is vacant.
 - Construction costs and risks are reduced if completed while the building is unoccupied. (cost savings approximately \$2.7 Million.)
 - Construction time is reduced if project is completed while the building is unoccupied.
 - Estimated completion date for the project is June 2011.

Blackriver Building

Work completed:

- Evacuation and operational continuity plans developed.
- Flood protection in place.

2010-2011:

- Evacuation and operational continuity plans updated.
- Flood protection in place.

Kent Animal Shelter

Work completed:

- Temporary evacuation and operational continuity plans developed.
- Temporary evacuation and flood stray site identified and prepared.



2010-2011:

- New supplemental needed to increase flood protection at Kent Animal Shelter.
- Temporary evacuation and operational continuity plans updated.
- Plan to quickly re-occupy shelter post flood.
- Renew permit to maintain temporary evacuation site.

Leased General Government Agencies that have relocated outside of the flood area

- Radio Shop –
 - Relocated to Sea-Tac
- Kent Probation Offices – Juvenile Court Services
 - Relocated to Federal Way
- Public Health - Alder Square
 - Relocated to Eastgate Public Health Center
- Public Health – Emergency Preparedness Warehouse.
 - Relocated to Sea-Tac
- **KCSO – Seized Vehicle Storage (Plemmons Warehouse)**
 - **2009/2010 flood season - vehicles relocated to county Roads storage yard.**
 - **2010/2011 flood season – vehicles relocated to the MARR Lot.**

Many of these leases were already expired or expiring and plans were in place to move to new locations regardless of the flood risk.

Leased General Government Agencies that are still located in the flood area

- PAO – Kent Professional Center Location (Gowe/Meeker Building)
 - Evacuation Plans in place to temporarily relocate staff in KCCH or Administration Buildings and to telecommute.
- DCHS – Worksource
 - Evacuation plans in place to temporarily relocate staff to other Worksource sites.
- DDES Hearing Examiner
 - Emergency plans in place to move assets to 2nd floor of building in the event of flood.
- Renton Probation Offices
 - Evacuation Plans in place to temporarily relocate to Youth Services Center if necessary.

Green River Flood Budget Status

9/7/10 Executive transmitted to Council an ordinance to disappropriate excess 2009-2010 flood season budget and propose budget for 2010-2011 flood season:

	General Fund	Wastewater	Total
Council Approved (10/09)	\$27.2 M	\$7.4 M	\$34.6 M
Expended for 2009-2010 Flood Season Preparation	\$16.0 M	\$0.3 M	\$16.3 M
2009-2010 Flood Season Budget to Disappropriate	\$11.2 M	\$7.1M	\$18.3 M
Proposed for 2010-2011 Flood Season	\$4.4 M		\$4.4 M
Remainder in Flood Reserve	\$6.8 M		\$6.8 M

2010-2011: \$4.4 million request

\$680,000	•Maintenance of existing flood protection infrastructure: MRJC, Earlington, etc.
\$1,850,000	•Leases of Alternative Sites: Park Place, etc.
\$330,000	•New flood protection measures: Animal Control
\$260,000	•Public engagement: Emergency Management Staff, public information
\$340,000	•Admin and reimbursement staffing: FMD, OIRM
\$527,000	•Return to original site: Earlington
\$400,000	•Contingency 10%
\$4,400,000	Total

FEMA Update

Actions To Date

1/7/10

King County submitted letter requesting extension to identify damages to WA State Emergency Management Division (EMD)

1/22/10

EMD forwarded supporting letter, including the cities, to FEMA Region X

2/19/10

Letter from FEMA Region X allowing additional time to present damages

5/21/10

FEMA Region X denied request but allowed King County, the cities and State Agencies to submit appeals as a collective unit

6/23/10

King County and the cities submitted appeals

FEMA Update

Current and Future Actions

Current

EMD is reviewing submitted letters, collecting additional supporting documentation, and writing a supporting letter for submittal to FEMA Region X

Road Forward

FEMA Region X has 90 calendar days after receiving letter to approve or deny

If Approved

The various governmental agencies start submitting grants

If Denied

The governmental agencies can start the appeal process to FEMA HQ

Estimate of potential reimbursements identified to date

King County \$24 Mil – Other Jurisdictions and Districts \$26 Mil