Item No. 3b

Date: April 22, 2014

Earth Day 2014

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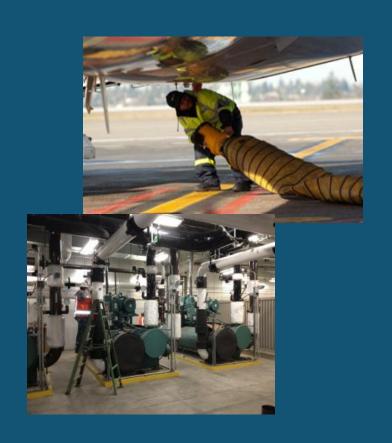
Electric Ground Support Equipment (EGSE)

- Completed Phase I:
 296 charging
 stations installed
- Phase II to be completed in 2014 for a total of 600 stations



Pre-Conditioned Air

- Installed at 68 of 73 gate locations
- Allows pilots to turn off their engines
- Saves airlines approximately \$13 million in fuel
- Expected to reduce approximately 40,000 tons of greenhouse gases per year



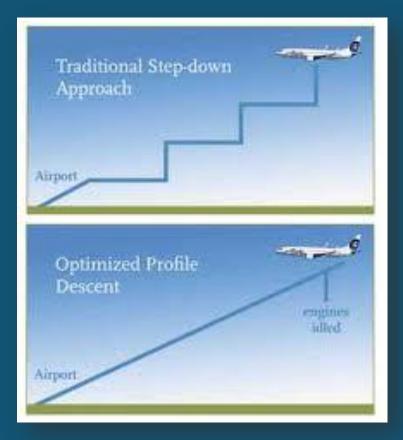
More Renewable Fuels





Greener Skies Initiative





More Food Bank Donations

- More concessions participating in our program this year, led to donating surplus food to local food bank
- Donated over 122,000 lbs. since 2006
- In 2013, increased our donations by approximately 40% to a total of 550 meals per week.



Sustainable In-Sights







Sustainable Airport Master Plan

- Align traditional master planning with new sustainability challenges
 - Environmental goals as key requirements
 - Evaluate alternatives to ensure we meet our goals
- Achieve greater environmental and economic performance



Strategic Alignment



Aviation Key Metrics



What's Happening in 2014?

- Finish EGSE and PC Air
- More electric charging stations in the parking garage
- More options for renewable natural gas and biomethane
- Sustainable Airport Master Plan
- Compostable Service Ware and LEED Buildings

Northwest Ports Clean Air Strategy







- Update adopted by Commission in December 2013
- Goals to further reduce emissions of diesel particulate matter and greenhouse gases in years 2015 and 2020

Grants Received - Clean Truck Program

- Congestion Mitigation for Air Quality (CMAQ) grant: \$3.5 million in funding from USDOT
- Clean Diesel grant: \$0.5 million from WA Dept of Ecology
- Diesel Emission Reduction Act (DERA) grant:
 \$1.2 million in funding from

USEPA

Awards

 2013 Breathe Easy Champion Award American Lung Association



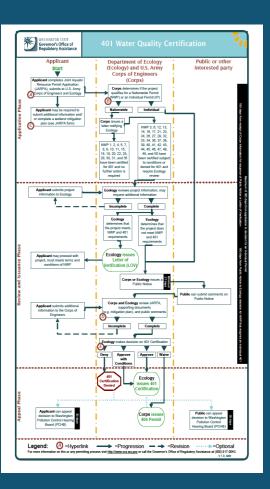
2014 USEPA Clean Air Excellence Award



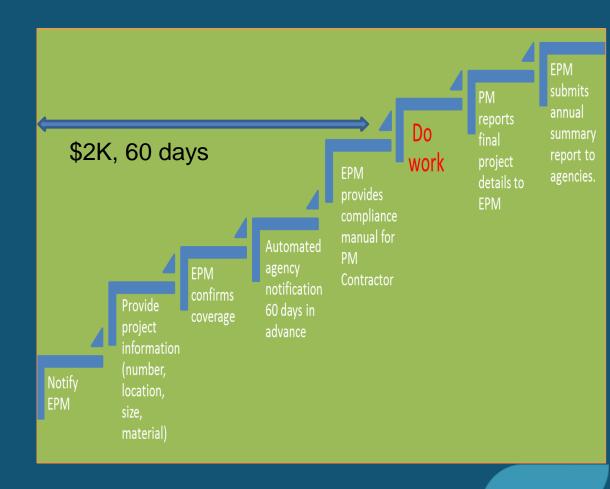
Permitting: Pile Systems Repair & Maintenance

- Applications submitted in April 2012
- Reflects substantial technical analysis and environmental impact assessment
 - Port-wide pile inventory
 - Underwater noise analysis
 - GIS mapping
 - Biological evaluation
 - BMPs and conservation measures
 - Monitoring plans

From this: ±60K, 6 months



To this: \$2K, 60 days



Programmatic vs. Standard Permit Cost Comparison

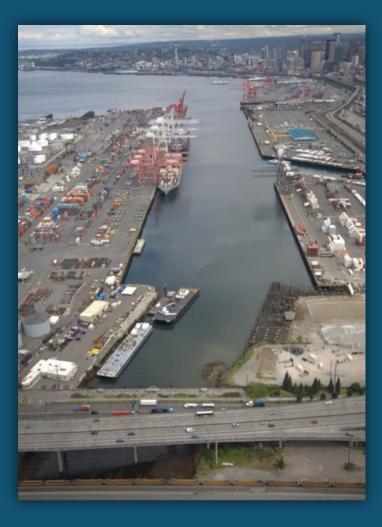
Pre- Programmatic Projects	Permitting costs	2013 Programmatic projects	Permitting costs
P91 fender system upgrade	\$76,228	FT 2013 piling maintenance	\$2000
T18 Fender Replacement	\$68,506	Terminal 5 fender pile replacement	\$2000
T18 South End Fendering	\$33,840	Terminal 86 Steel pile Corrosion Repair	\$2000
		Terminal 102 Float Pile Replacement	\$2000
		Pier 90 Berth 8 Fender pile replacement	\$2000
	\$178,574		\$10,000

T-91 Remediation



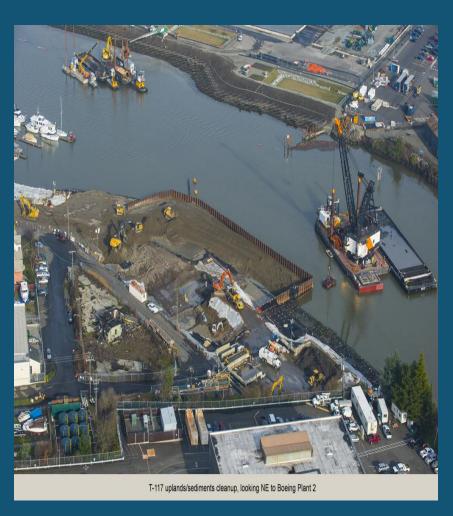
- Completed self
 performed cleanup of
 one hotspot area
- Completed design of former tank farm area and awarded construction contract

East Waterway Superfund Site



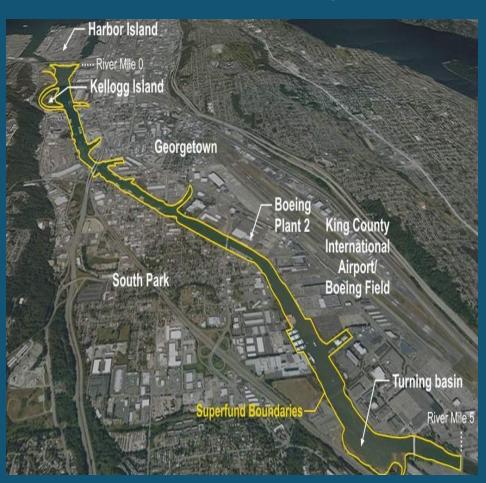
- Final Supplemental
 Remedial Investigation
 Report submitted to
 EPA
- Draft Feasibility Study submitted to EPA

Terminal 117 Early Action Area



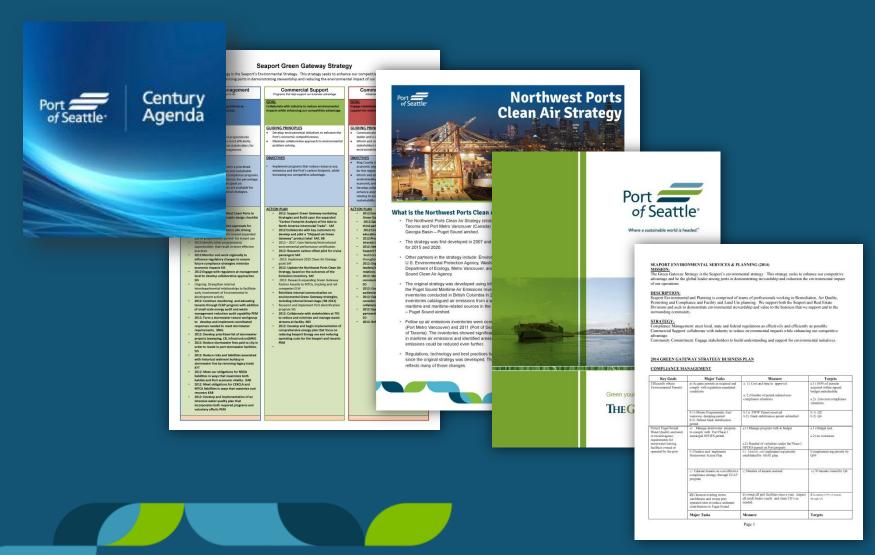
- Cleanup of uplands began in May
- In water cleanup began in December
- Supported Super JTI with hiring a graduate

Lower Duwamish Waterway Superfund Site

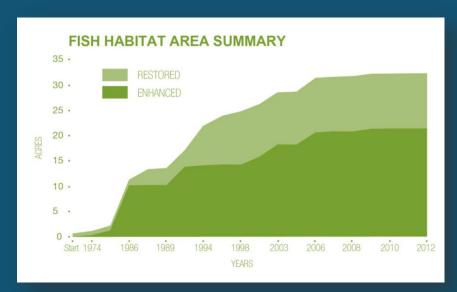


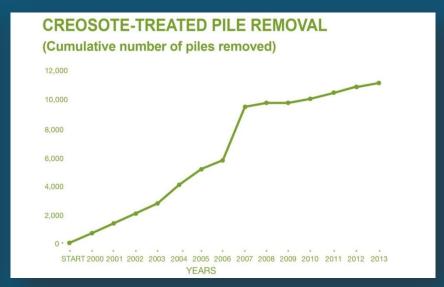
- EPA's proposed plan out for comment in 2013
- Comments on plan to make it more implementable
- Began study on fishers' use of the river

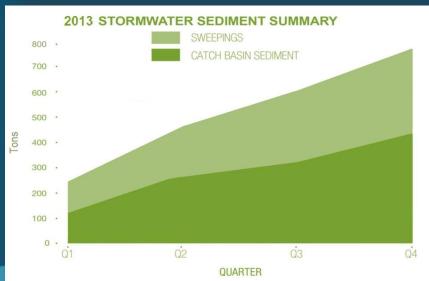
Strategic Alignment

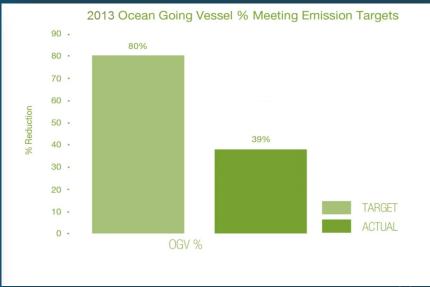


Seaport Key Metrics









What's happening in 2014

- ScRAPS 2 launches
- Last year of ABC Fuels
- Remediation proceeds at T-91 and T-117
- ROD expected for Lower Duwamish
- Stormwater AKART completed with WPPA
- Installing a splash box at T-91