



Surface Water Operable Unit (On-Site) Project

Water Quality Task Force

October 7, 2005



SWOU Activities

Current Status

- Ditch Sampling - June through September
 - Completed planned Activity 1 samples (2334 / 2375)
Completed planned Activity 2 samples (344 / 347).
 - Completed Contingency Sampling 9/28/05. Collected 48 contingency samples at locations exceeding indicator levels from NSDD Section 3 and Section 5. Collected 54 contingency samples at locations exceeding indicator levels from Outfall 001, 008, 010 & 015 ditches.

- Step 1 Storm Sewer Sampling
 - Month 1 Sampling (7/12 "wet week" - 8/2/05 "dry week") (Exceeded Total Uranium @ C-340 Discharge)
 - Month 2 Sampling (8/12 – 9/1/05)
 - Month 3 Sampling (9/14– 9/28/05)

- Step 2 Sampling at C-340 (8 locations upgradient of discharge, every other week over 6-weeks) 9/29-10/14/05.



SWOU Preliminary Results

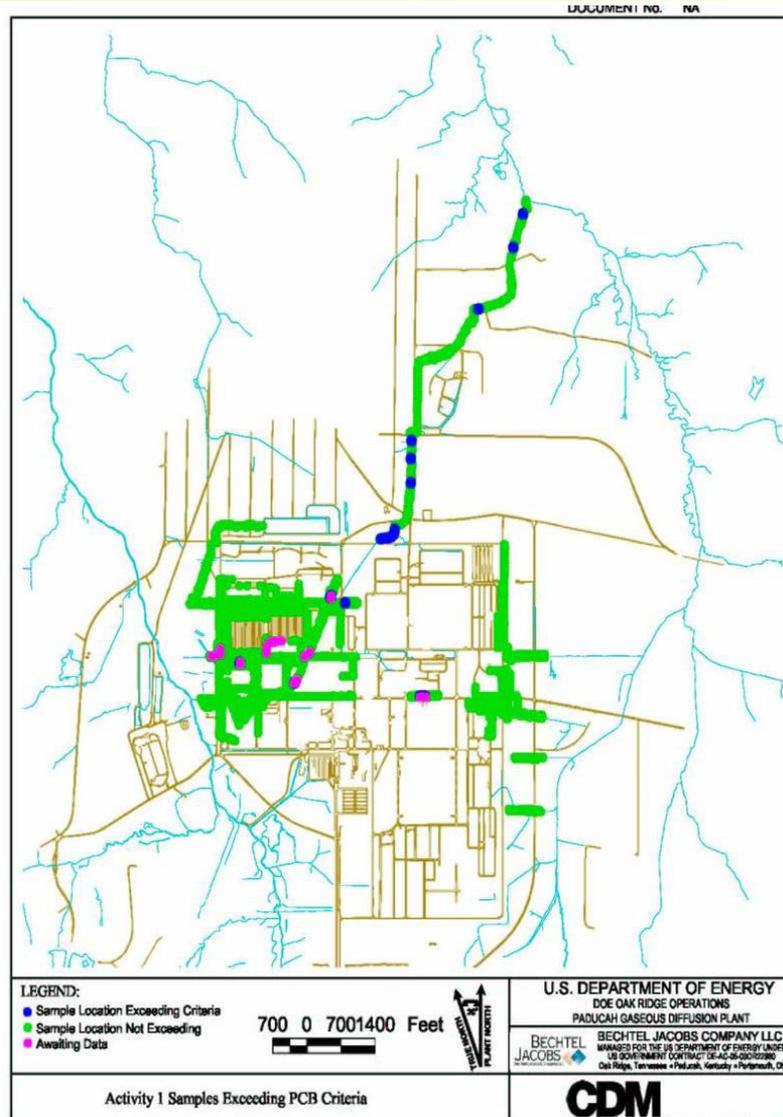
➤ PCB Data

- 2334 total samples, 21 exceeded indicator level (12 in NSDD and 9 in Outfall ditches)
- NSDD Highest Level 28.9 mg/kg (Section 3), Outfall Highest Level 262 mg/kg (Outfall 015)

PCB Data	
<u>Location</u>	<u>Number of Detections</u>
NSDD Section 3	9
NSDD Section 4	0
NSDD Section 5	3
Outfall 001 EU15	3
Outfall 008, EU 11	1
Outfall 010, EU 11	4
Outfall 015, EU8	1
Total:	21



Samples Exceeding PCB Indicator Levels



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SWOU Preliminary Results

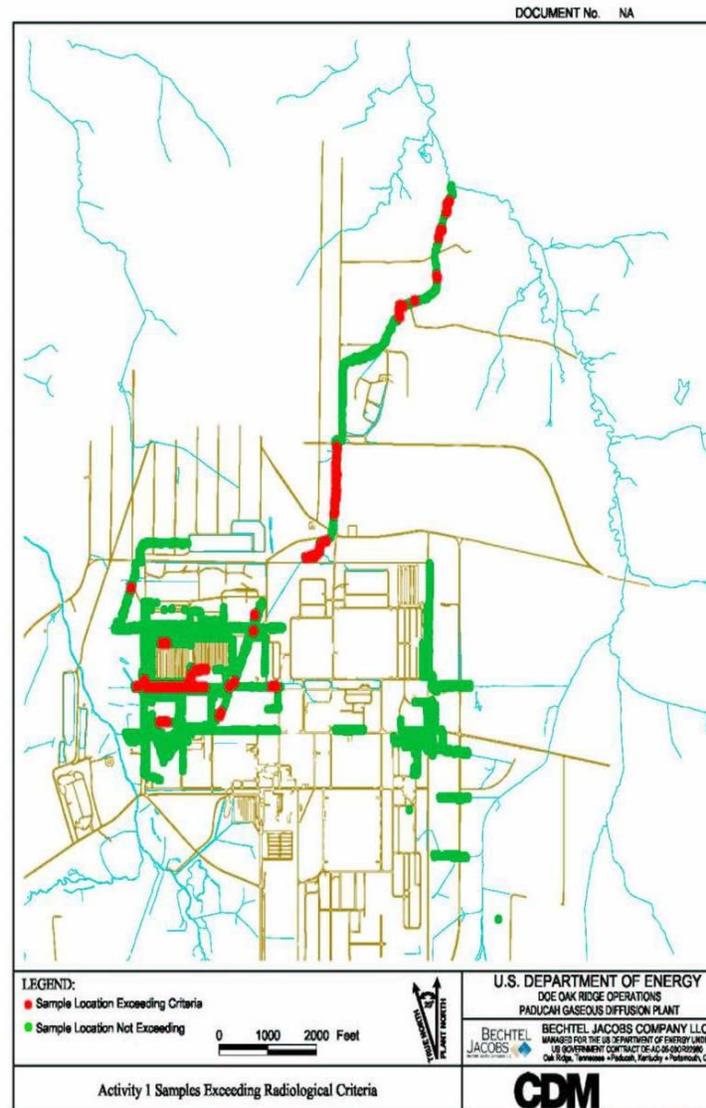
➤ ISOCS Data

- 2334 Total Samples, 111 exceeded indicator levels (43 in NSDD and 68 in various Outfall ditches)
- NSDD Section 3
U₂₃₈ Highest Level 215 pCi/g
Cs₁₃₇ Highest Level 11 pCi/g
- Outfalls 1, 8, & 15
U₂₃₈ Highest Level 903 pCi/g,
Cs₁₃₇ Highest Level 99 pCi/g

ISOCS Data	
<u>Location</u>	<u>Indicator Levels Exceeded</u>
NSDD Section 3	32
NSDD Section 5	11
Outfall 001	7
Outfall 008	6
Outfall 015	55
Total:	111



Samples Exceeding RAD Indicator Levels



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SWOU Project Schedule

Milestone Dates per D2 2005 SMP

6/20/05 – Start Field Work

4/27/06 - Issue D1 SWOU SI/RA Report

6/23/06 - Removal Notification

4/12/07 - D1 Action Memorandum

8/10/07 - D1 Removal Action Work Plan



SWOU Issues

FFA Milestone Modification

The D2 FY2005 SMP milestone dates for SWOU need to be revised to reflect a 16-day D2 SAP review extension and the dispute resolution process of 95 days. Milestone modification request submitted on 7/26/05. Approval pending.