

CCNPP3COLA PEmails

From: Parkhurst, Mary Ann [maryann.parkhurst@pnl.gov]
Sent: Thursday, April 14, 2011 5:58 PM
To: Lutchenkov, Dimitri; Quinn, Laura; kathy.anderson@usace.army.mil
Cc: woody.francis@usace.army.mil; Chapman, Elaine G; Kropp, Roy K
Subject: Area of Bay Bottom Disturbed
Attachments: CCNPP Unit 3 Bay Disturbance.xls

Dimitri,

I am writing on behalf of Laura Quinn, Kathy Anderson, and the PNNL team to facilitate closure on some tidal impacted areas that are part of the Unit 3 work description. We are trying to resolve a few of the dredging and armoring numbers to meet the **totals** that have been provided previously and recently updated, and **we** need your assistance to understand what is included in these totals. We are asking that the numbers be explained, not recalculated. Specifically,

- The Corps Work Description and the DEIS list the total area of Bay bottom disturbed as 248,000 sq ft (5.7 ac). This number (5.7 ac) was provided by UniStar in a correction of the 2008 Work Description (ML0913503280; letter from Jim Burkman to Ed Miller 9-22-2008). That work description attributes 138,500 sq ft to maintenance dredging and 109,000 sq ft to new dredging (as does the version in the Corps 14 April 11 work description). The total of these two numbers is 247,500 sq ft. What is the source of the remaining 500 sq ft?
- We also have not been able to duplicate this number (248,000 sq ft) as it relates to recent changes in disturbance areas. In particular, we would like to know the basis of the 109,000 sq ft that is called “new dredging.” (See request for itemization below.)
- The work description implies 248,000 sq ft of dredging impacts but does not call out armoring area in the total tidal open water impacts. Please identify the area disturbed by armoring. (See request for itemization below.)
- UniStar has provided descriptions of areas impacted that in at least one case, differs from the math. In your email of 14 APR 11, you list the armor at the discharge as 400 sq ft (you changed the area of the discharge from 38,500 sq ft to 38,900 sq ft and attributed that to armoring), but the description of the change in the area is 20 ft by 40 ft, which we assume should be 800 sq ft (for a total of 39,300 sq ft). Please verify the actual square footage.

An Excel file with the square footage from the EIS, the Corps’ latest work description, and UniStar numbers is attached and adds up the various components. At the moment, all totals fall short of the 248,000 sq ft. In response to the questions above and in this file, please provide the breakdown of the square footage of the area **dredged** for the

1. Wedge-shaped pool
2. Fish return
3. Discharge pipe
4. Barge facility

5. Total area dredged; total maintenance dredging, total new dredging, and amount of dredging backfilled

Please also provide the breakdown of the square footage of the area **armored** for the

1. Wedge-shaped pool
2. Fish return
3. Discharge pipe
4. Barge facility
5. Total area armored
6. Total Area of Bay Bottom Disturbed

If the total disturbance does not equal the total dredged plus the total armored, please account for the difference.

Thank you,

Mary Ann Parkhurst

PNNL Team Leader
Radiological Science & Engineering Group
509-375-6893

Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 1716

Mail Envelope Properties (81373C3A85A580439D96D9A4DF092C91F99C53E8EE)

Subject: Area of Bay Bottom Disturbed
Sent Date: 4/14/2011 5:58:22 PM
Received Date: 4/14/2011 5:58:27 PM
From: Parkhurst, Mary Ann

Created By: maryann.parkhurst@pnl.gov

Recipients:

"woody.francis@usace.army.mil" <woody.francis@usace.army.mil>

Tracking Status: None

"Chapman, Elaine G" <elaine.chapman@pnl.gov>

Tracking Status: None

"Kropp, Roy K" <Roy.Kropp@pnl.gov>

Tracking Status: None

"Lutchenkov, Dimitri" <dimitri.lutchenkov@unistarnuclear.com>

Tracking Status: None

"Quinn, Laura" <Laura.Quinn@nrc.gov>

Tracking Status: None

"kathy.anderson@usace.army.mil" <kathy.anderson@usace.army.mil>

Tracking Status: None

Post Office: EMAIL05.pnl.gov

Files	Size	Date & Time
MESSAGE	3145	4/14/2011 5:58:27 PM
CCNPP Unit 3 Bay Disturbance.xls		26688

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

Total disturbance given as 248,000 sq ft

		EIS	USACE	UniStar (in
Dredging	W-S Pool	900	900	1200
	Fish Return	2600	1400	1400
	Discharge	38500	38500	38500
	Barge Dock	195000	195000	195000
	Total Dredging	237000	235800	236100
Armoring	W-S Pool/Baffle	4650	4650	4650
	Fish Return	100	100	75
	Discharge	800	800	400
	Barge Dock	1600	1600	1600
	Tot Armor	7150	7150	6725
Total Disturbance	244150	242950	242825	

cluding numbers from 4/14 emails)