From: Dougherty, Bill
To: Johnson, Robert L.; Picel, Kurt C.; Williamson, Travis; Brooks, George P CIV NAVFAC SW, PACO; Whitcomb, James H CIV NAVFAC SW; Rollston, Sarah CIV NAVFAC ESC, EV
Subject: FW: LLRW Bins/Remediated Waste Figures
Date: Tuesday, February 01, 2011 17:35:24

I will refine this data but here is one of the data evaluations we performed earlier this year.

Bills ends...

Bill Dougherty | **Project Manager**
Direct: 415.216.2731 | Cell: 415.238.7006
bill.dougherty@tetratech.com

Tetra Tech | **Remediation**
200 Fisher Avenue | San Francisco, CA 94124 | www.tetratech.com

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Think Green - Not every email needs to be printed.

From: Miller, Thorpe
Sent: Friday, January 07, 2011 2:13 PM
To: Dougherty, Bill
Subject: LLRW Bins/Remediated Waste Figures

Bill,

Here are a few items on LLRW bin use and some possible guideline estimates

TtEC HPS LLRW bin use generated by year:

2009	555 LLRW bins
2010	439 LLRW bins

RSY 2/3/4 ES Units:

Soil Remediated	8447.2 cubic yards
ES Units/Pads Filled	368 ES Units
Average Remediation	22.95 cubic yards
Average Bins/ES unit	1.53 LLRW bins

Parcel C/E/G/UC1/UC2/UC3 Trenches:

Soil Remediated	5100.45 cubic yards

Trench Units	125
Average Remediation	40.37 cubic yards
Average Bin/Trench	2.69 LLRW bins

The numbers represented above are conservative estimates based on the average bin fill rate of 15 cubic yards. If needed, it could also be statistically proven that we (TtEC) have become more efficient in our LLRW bin use as we surveyed 75% more ES Units and 12% more Trench Units in 2010 and used 21% less LLRW bins on-site than the previous year, 2009.

Let me know if you need more figures or a different display method.

Thanks,

Thorpe Q. Miller | **Data Manager**
Direct: 415.216.2773 | Main: 415.671.1990 | Fax: 415.671.1995 | Cell: 415.710.3096
Thorpe.Miller@tetratech.com

IO Environmental & Infrastructure, Inc. | **Hunters Point Shipyard**
2840 Adams Ave. | San Diego, CA 92116 | www.ioenvironmental.com

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Think Green - Not every email needs to be printed.